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ICONOGRAPHY  
OF  
AUSTRALIAN SPECIES OF ACACIA  
AND  
COGNATE GENERA,

BY  
BARON FERD. VON MUELLER, K.C.M.G., M. & PH.D., F.R.S.,  
*GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.*

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"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPERNUM IN HIS, QUÆ DEUS CREABAT."—*Prophetia Isaiæ*, lxx. 18.

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NINTH DECADE.

BY AUTHORITY:  
ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.  
1888.

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PRICE—THREE SHILLINGS.







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1888.





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## ACACIA TRIPTERA.

Bentham in Hooker's London Journal of Botany i. 325 (1842).

- 1, portion of a branchlet.
- 2, flower-bud.
- 3, unexpanded flower.
- 4, expanded flower, perfect.
- 5, flower, laid open, staminate only.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



*Acacia triptera* Benth.



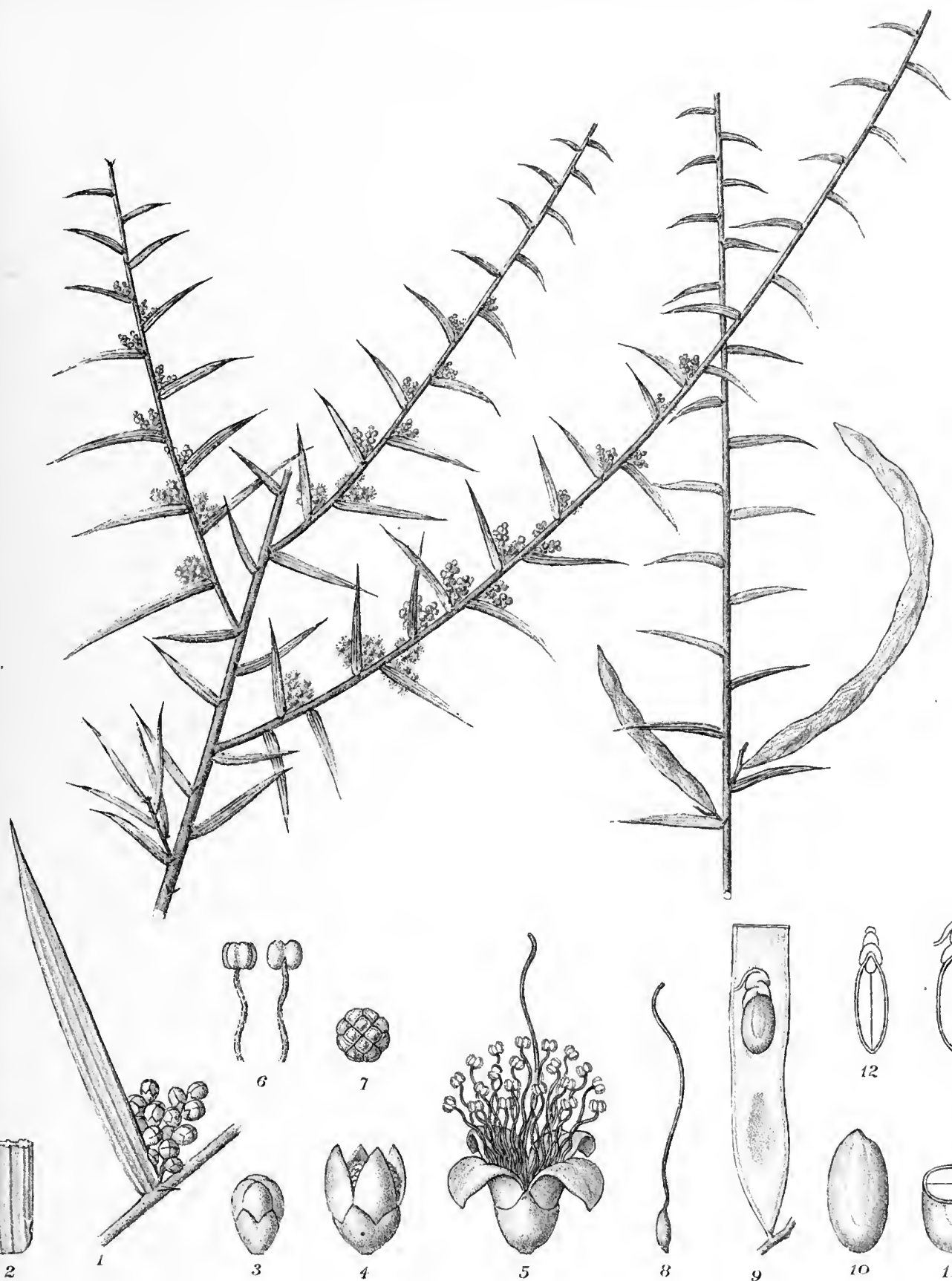


## ACACIA RHIGIOPHYLLA.

F. v. M. in Schlechtendal's *Linnaea* xxvi. 611 (1853).

- 1, portion of a branchlet.
- 2, portion of a phyllodium.
- 3, flower-bud.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.

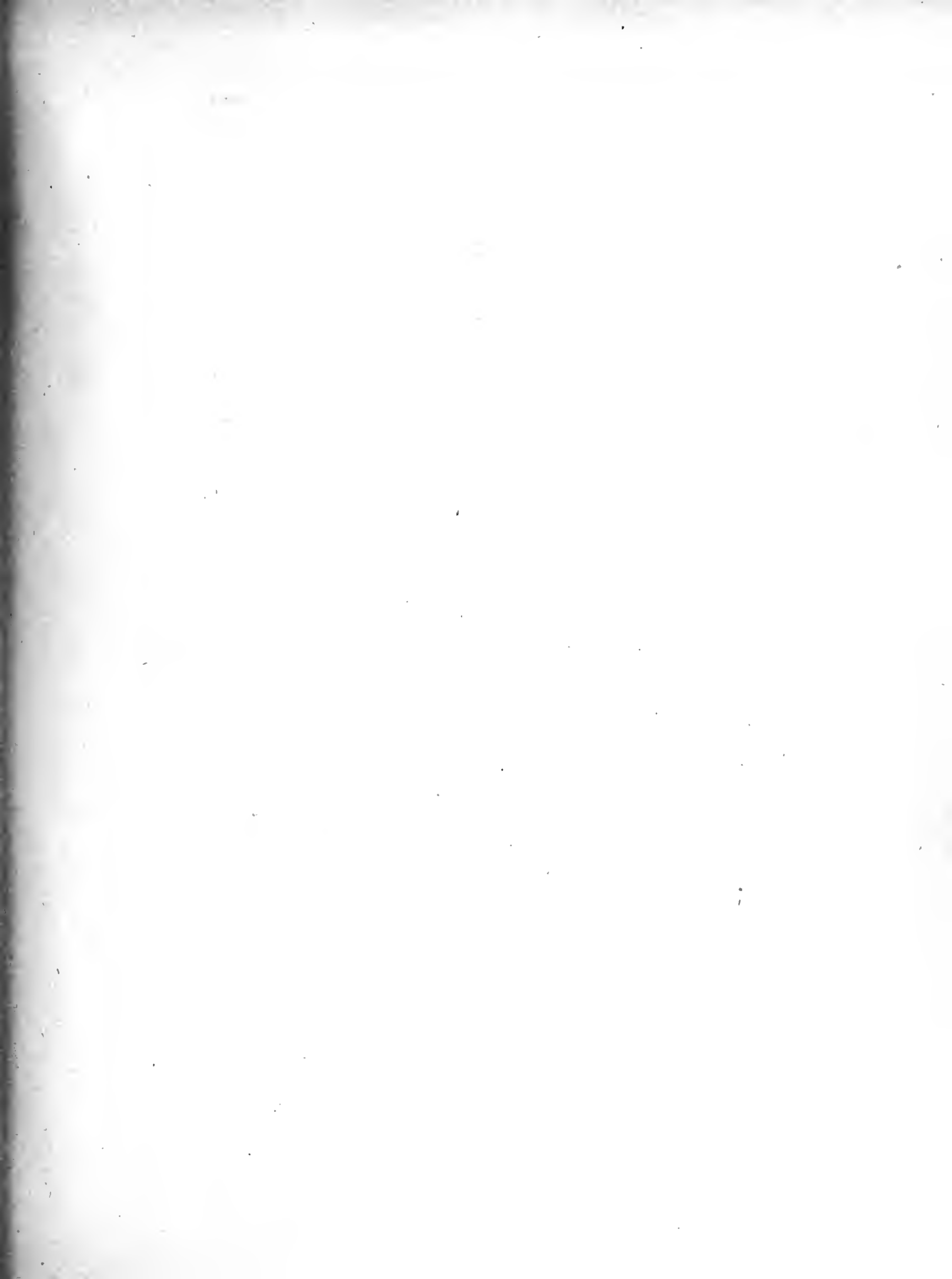


R. Graff del. C. Troedel & C<sup>o</sup> Lith. F.v.M. direxit Steam Litho. Gov. Printing Office Melb.

*Acacia rhigiophylla* F.v.M.







## ACACIA ALPINA.

F. v. M. fragmenta phytographiae Australiae iii. 129 (1863).

- 1, a phyllodium.
- 2, portion of inflorescence.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded flower.
- 7, front- and back-view of a stamen.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



# *Acacia alpina* F.v.M.





## ACACIA DALLACHIANA.

F. v. M. fragmenta phytographiae Australiae i. 7 (1858).

- 1, portion of a phyllodium.
- 2, portion of a spike before expansion.
- 3, portion of a spike, the flowers dropped.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R.Graff del. C.Troedel & C<sup>o</sup> Lith.

FvM direxit.

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**Acacia Dallachiana** FvM





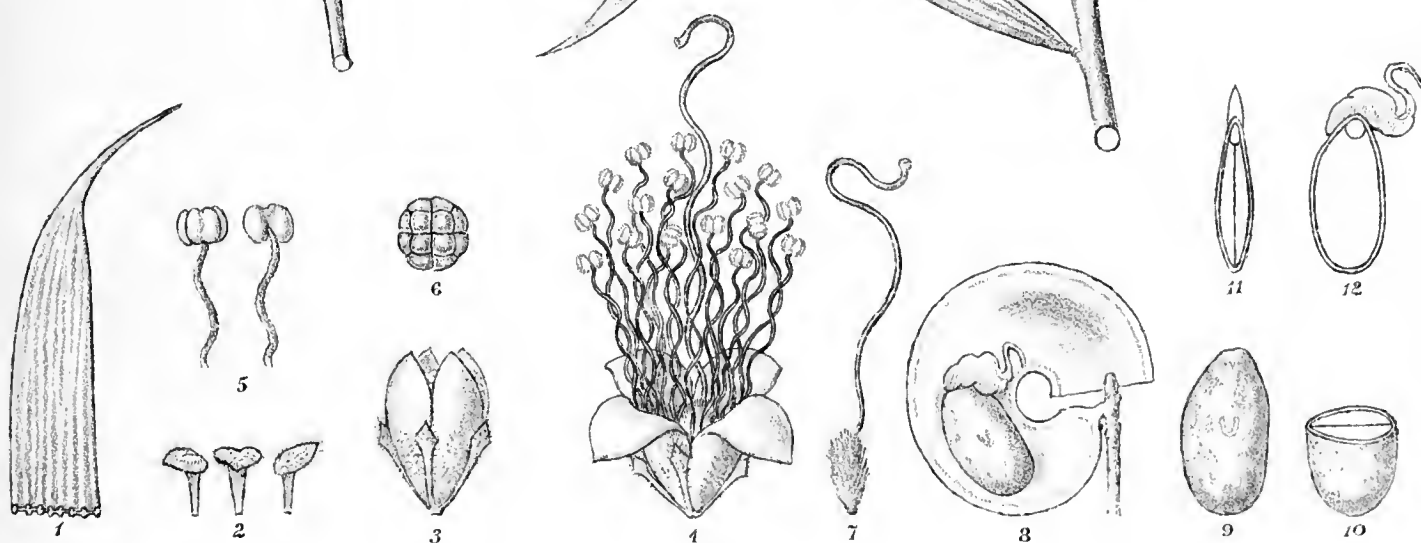


## ACACIA COCHLIOCARPA.

Meissner in der Botanischen Zeitung 10 (1855).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, front- and back-view of a stamen.
- 6, pollen-grain.
- 7, pistil.
- 8, lower portion of a fruit-valve with a seed.
- 9, a seed, separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith.

F. v. M. direxit.

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*Acacia cochliocarpa* Meissner.



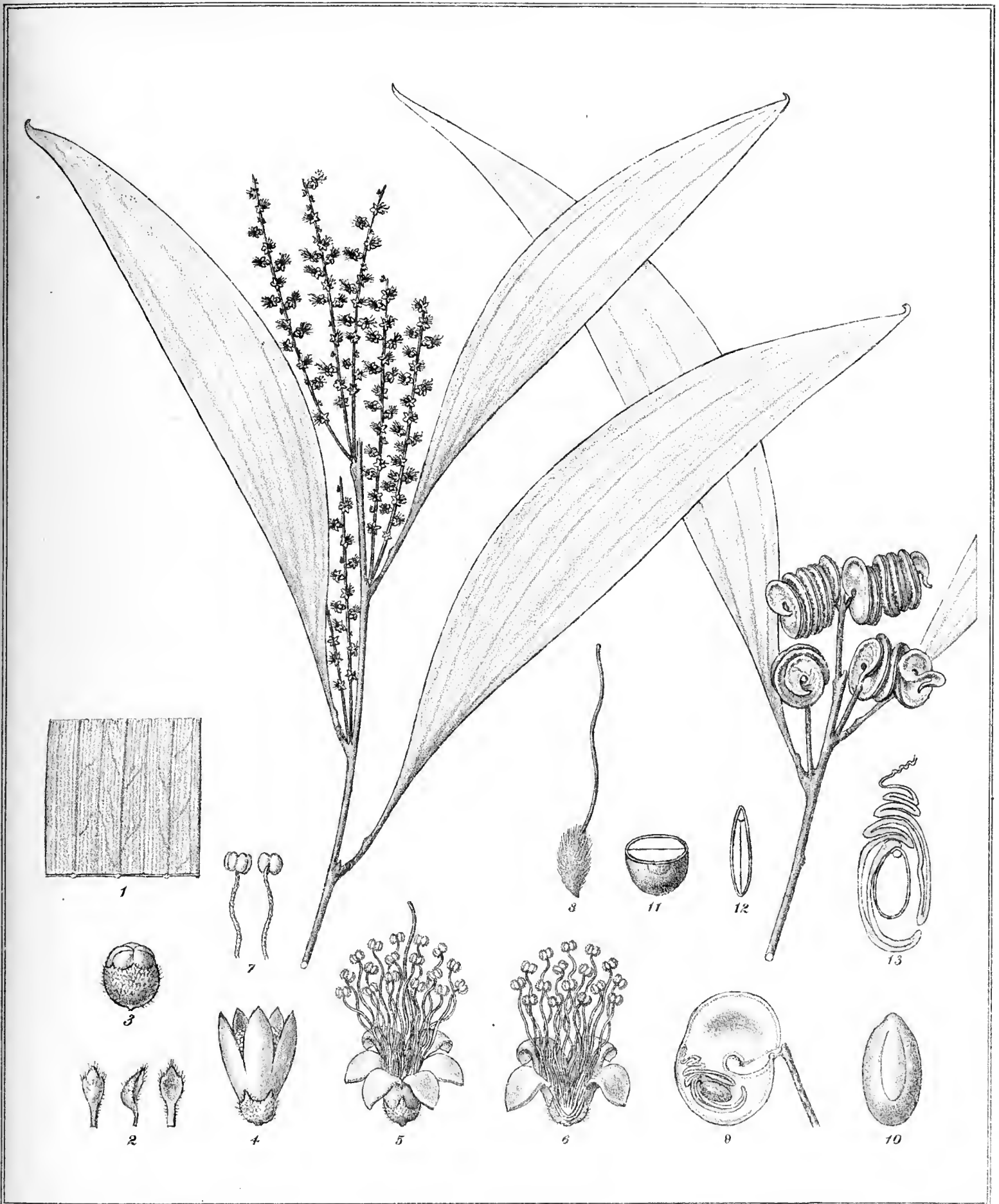


## ACACIA CINCINNATA.

F. v. M. fragmenta phytographiae Australiae xi. 35 (1878).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, flower-bud.
- 4, unexpanded flower.
- 5, expanded flower, perfect.
- 6, flower, laid open, staminate only.
- 7, front- and back-view of a stamen.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12, longitudinal section of a seed, showing the cotyledons.
- 13, longitudinal section of a seed, showing the funicle.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co Lith.

FvM. direxit.

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***Acacia cincinnata* FvM**







## ACACIA LATIFOLIA.

Bentham in Hooker's London Journal of Botany i. 382 (1842).

- 1, portion of an unexpanded spike.
- 2, bracts.
- 3 and 4, unexpanded flowers.
- 5, expanded flower.
- 6, flower, laid open, staminate only, one petal removed.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of a fruit-valve with a seed
- 11, a seed, separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



*Acacia latifolia* Benth.



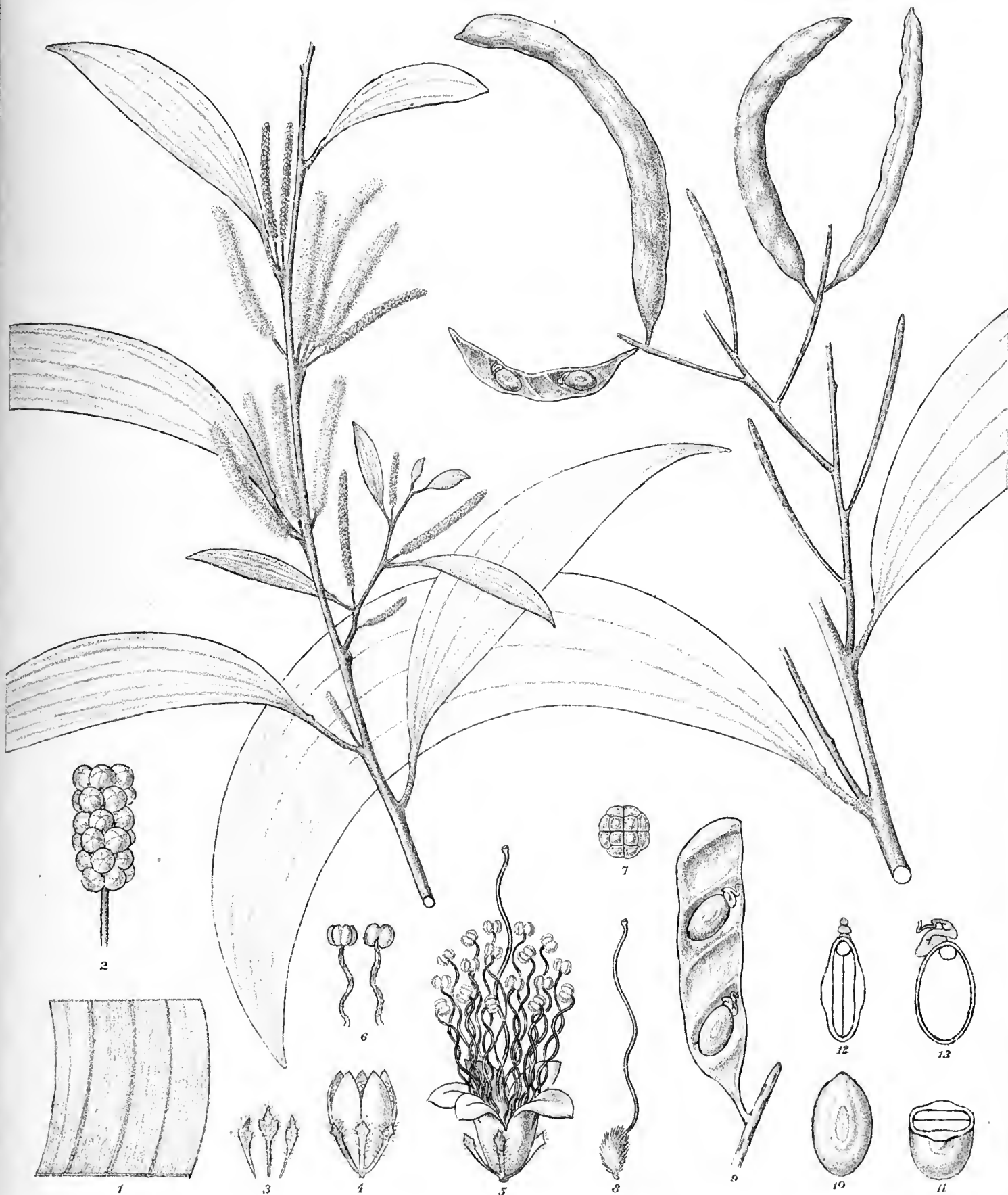


## ACACIA TUMIDA.

F. v. M. in the Journal of the Linnean Society iii. 144 (1858).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R.Graff del. C.Troedel & Co. Lith.

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*Acacia tumida* F.v.M.





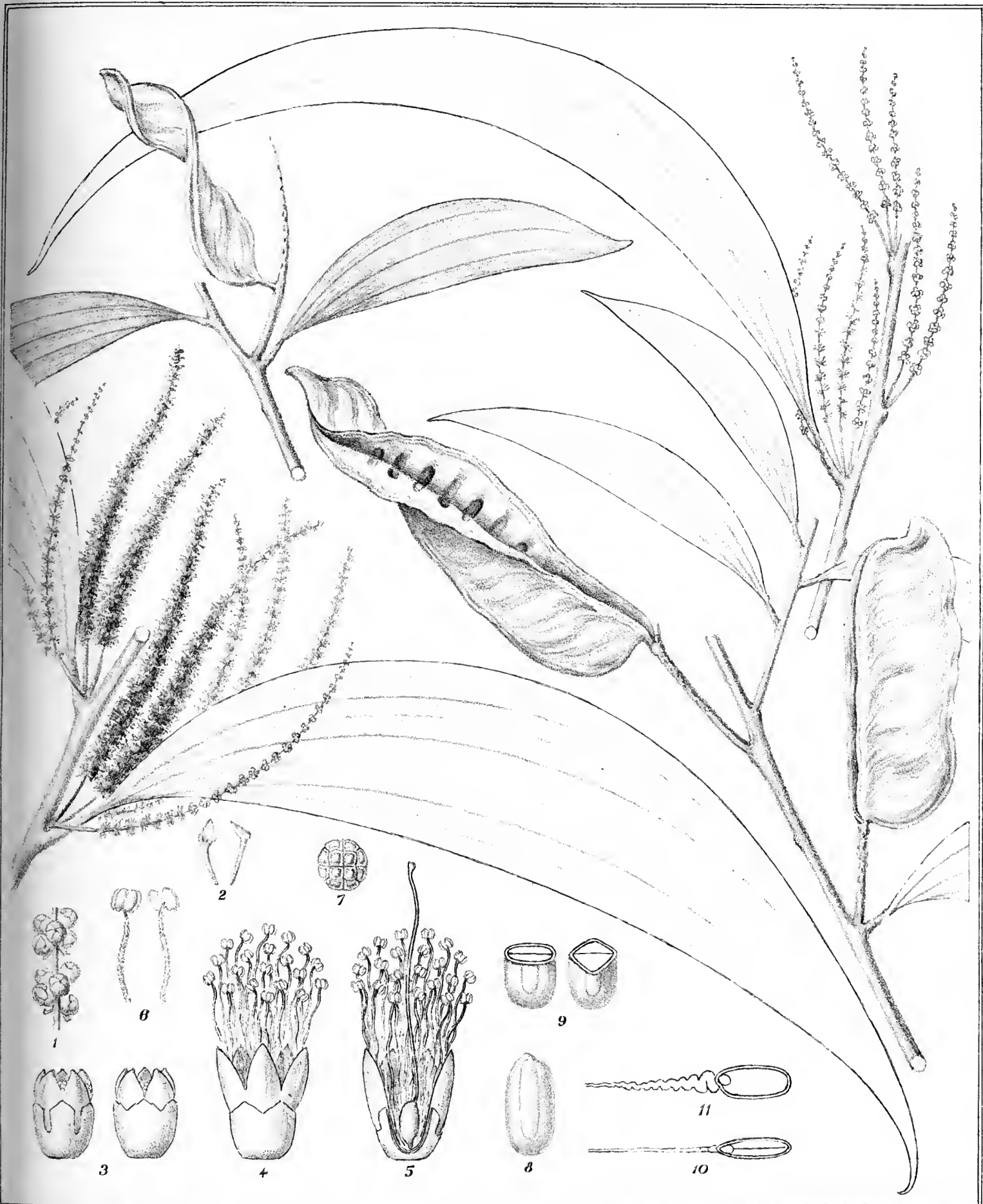


## ACACIA AULACOCARPA.

Cunningham in Hooker's London Journal of Botany i. 379 (1842).

- 1, portion of inflorescence.
- 2, bracts.
- 3, unexpanded flower.
- 4, staminate flower.
- 5, perfect flower, laid open.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, a seed, separated.
- 9, transverse section of a seed.
- 10 and 11, longitudinal sections of seeds.

All enlarged, but to various extent.



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**Acacia aulacocarpa** *A. Cunningham.*





## ACACIA AURICULIFORMIS.

Cunningham in Hooker's London Journal of Botany i. 377 (1842).

- 1, portion of an unexpanded spike.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower, perfect.
- 5, flower, laid open, staminate only.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del C. Troedel & Co Lith. F.v.M direxit Steam Litho Gov Printing Office Melb

*Acacia auriculiformis* A. Cunningham.











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DALLACHIANA.

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TUMIDA.

AULACOCARPA.

AURICULIFORMIS.

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TENTH DECADE.

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## ACACIA DORATOXYLON.

Cunningham in Field's New South Wales 345 (1825).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded flower, perfect.
- 7, flower, laid open, staminate only.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, pistil.
- 11, lower portion of a fruit-valve with a seed.
- 12, a seed separated.
- 13, transverse section of a seed.
- 14 and 15, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del C. Troedel & Co. Lith.

F. v. M. drew it.

Stearns Litho. Co. Printing Office Melb.

*Acacia Doratoxylon* A. Cunningham.





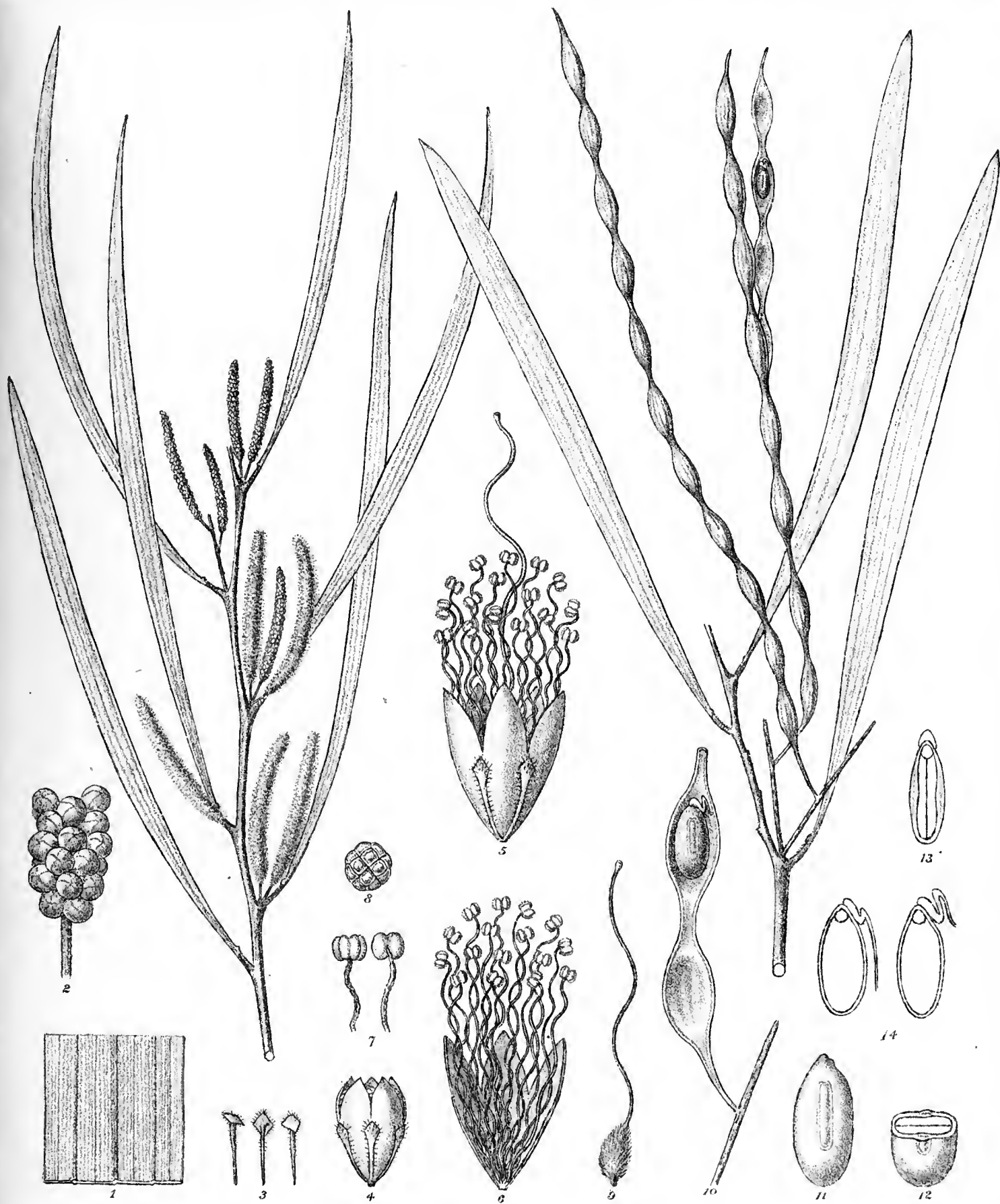
## ACACIA TORULOSA.

Bentham in the Journal of the Linnean Society iii. 139 (1858).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, perfect.
- 6, flower, laid open, staminate only.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of a fruit-valve with a seed.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13, longitudinal section of a seed, showing cotyledons and some albumen.
- 14, longitudinal section of a seed with its funicle.

All enlarged, but to various extent.





*Acacia torulosa* Benth.



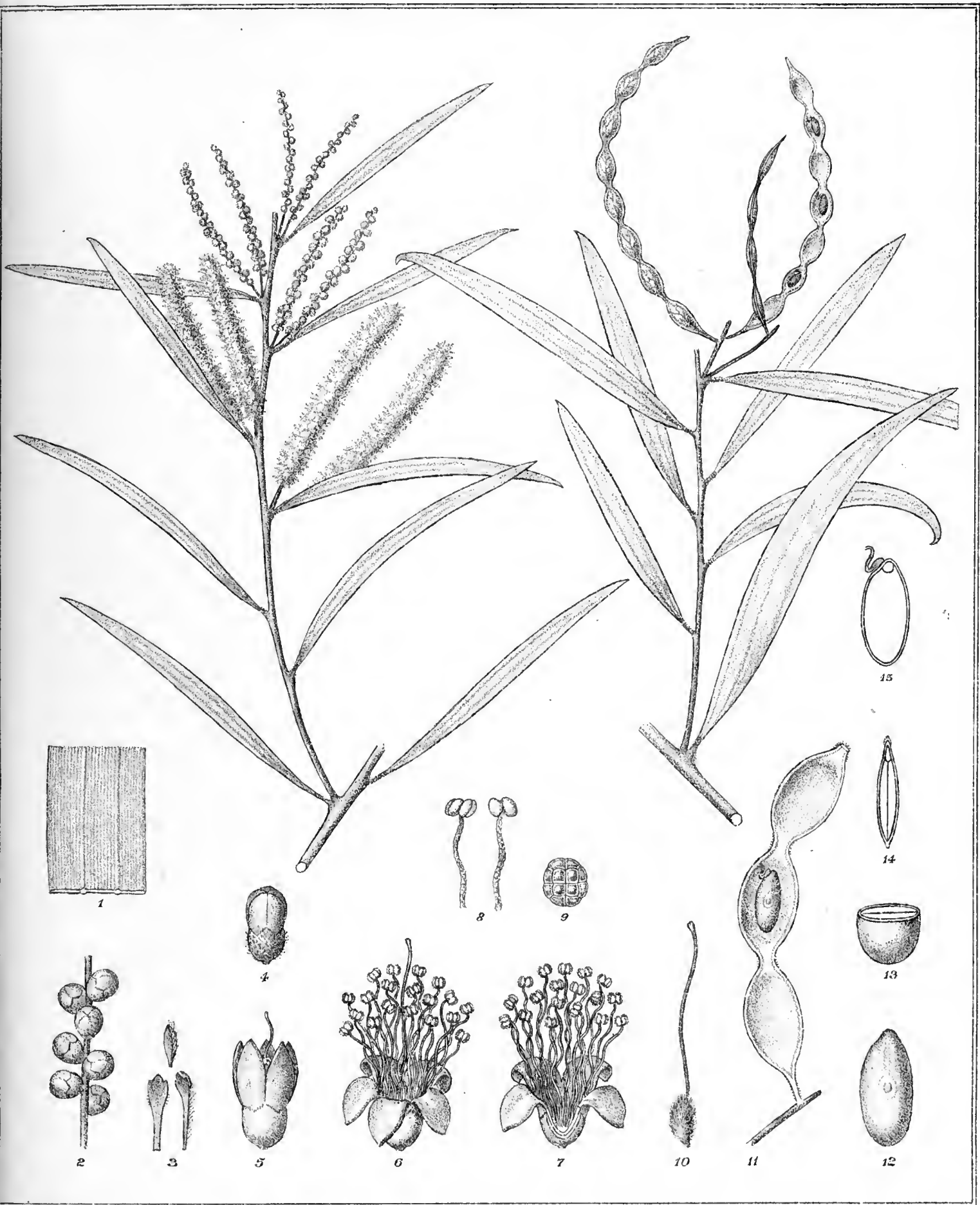


## ACACIA LEPTOSTACHYA.

Bentham, Flora Australiensis ii. 406 (1864).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded flower, perfect.
- 7, flower, laid open, staminate only.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, pistil.
- 11, lower portion of a fruit-valve with seed.
- 12, a seed separated.
- 13, transverse section of a seed.
- 14 and 15, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith.

F. v. M. direct.

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*Acacia leptostachya* Bentham.





## ACACIA LYSIPHLOIA.

F. v. M. in the Journal of the Linnean Society iii. 137 (1858).

- 1, phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, perfect.
- 6, flower, laid open, staminate only.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of a fruit-valve with seed.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.





# *Acacia lysiphloia* F.v.M.



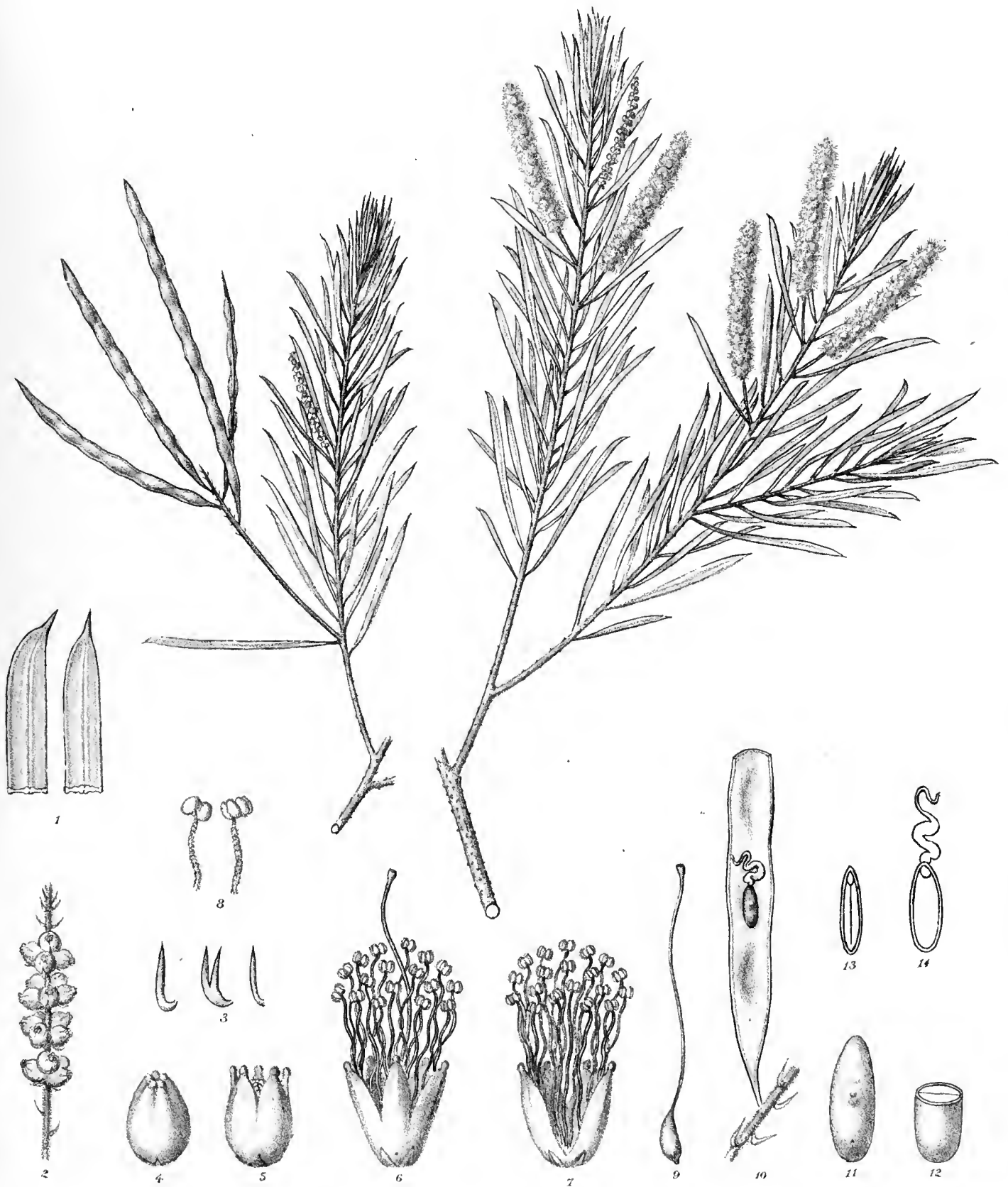


## ACACIA LINARIOIDES.

Bentham in Hooker's London Journal of Botany i. 371 (1842).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4 and 5, flower-buds.
- 6, expanded perfect flower.
- 7, expanded flower, laid open, staminate only.
- 8, back- and front-view of a stamen.
- 9, pistil.
- 10, portion of a fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



*Acacia linarioides* Benth.





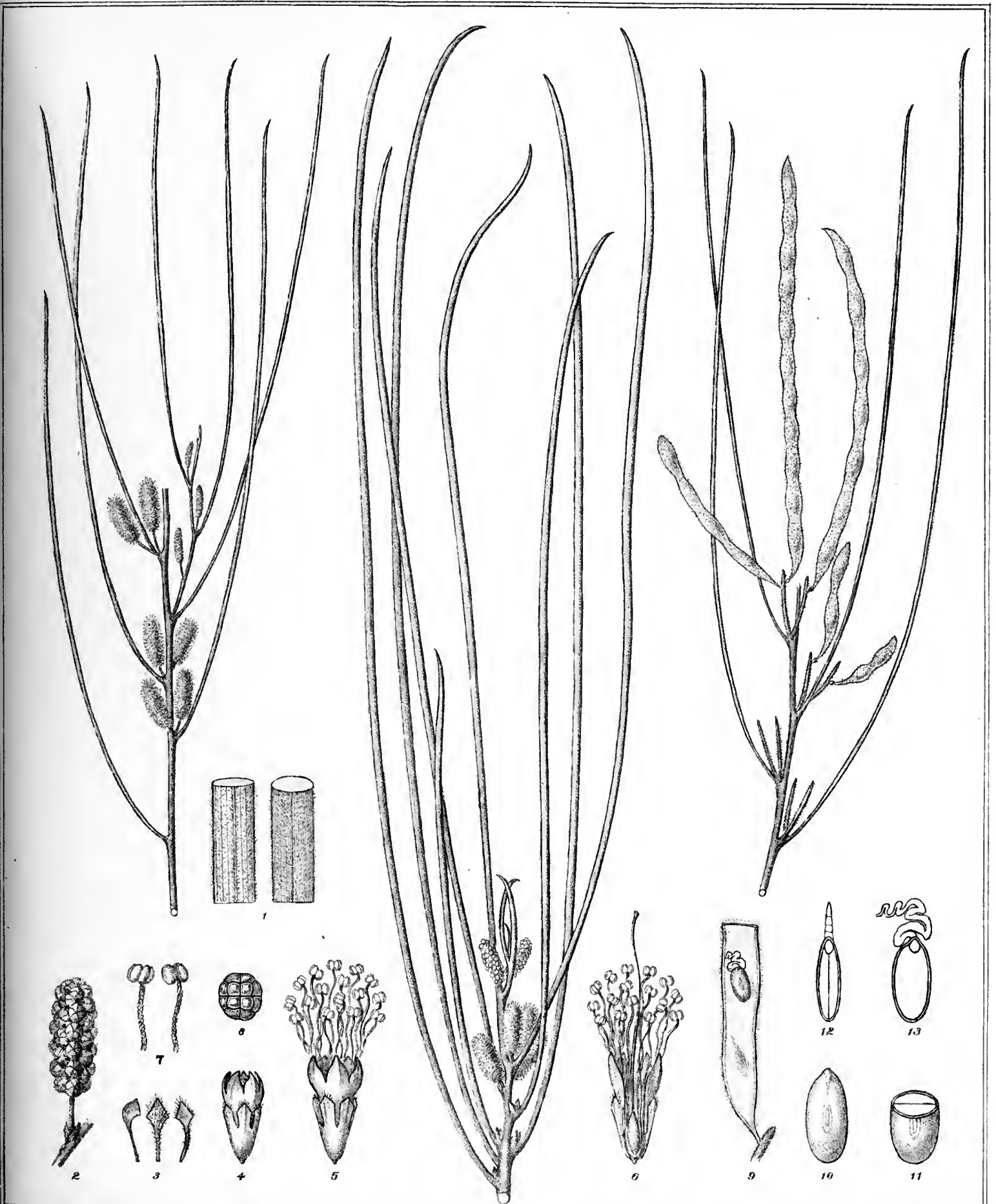
## ACACIA CYPEROPHYLLA.

F. v. M. in Bentham's *Flora Australiensis* ii. 400 (1864).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, portion of a fruit-valve with seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.





R. Graff del. C. T. Wedel & Co. Lith.

F. v. M. direxit

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*Acacia cyperophylla.* F. v. M.



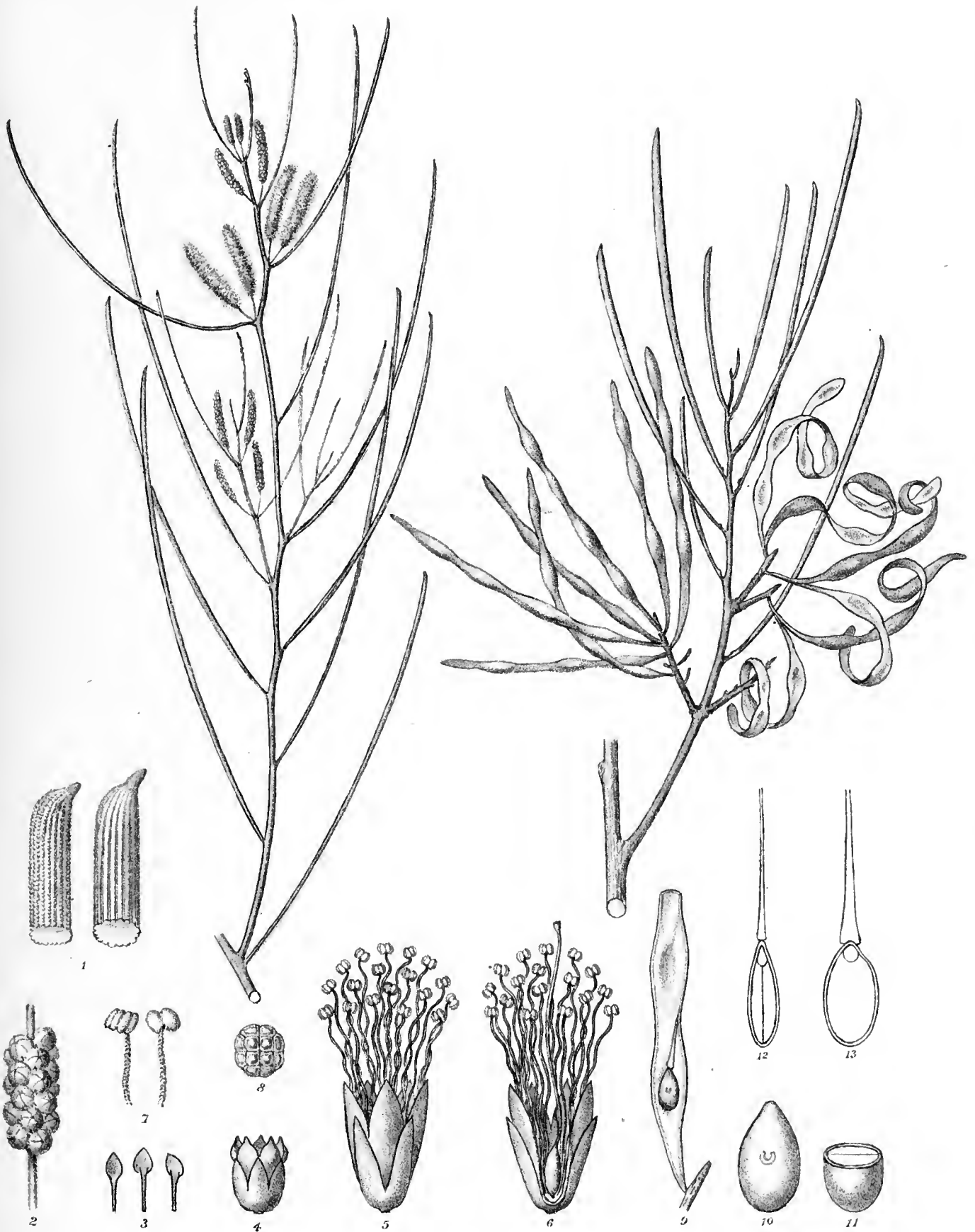


## ACACIA PITYOIDES.

F. v. M. in the Journal of the Linnean Society iii. 135 (1858).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



*Acacia pityoides* F. v. M.





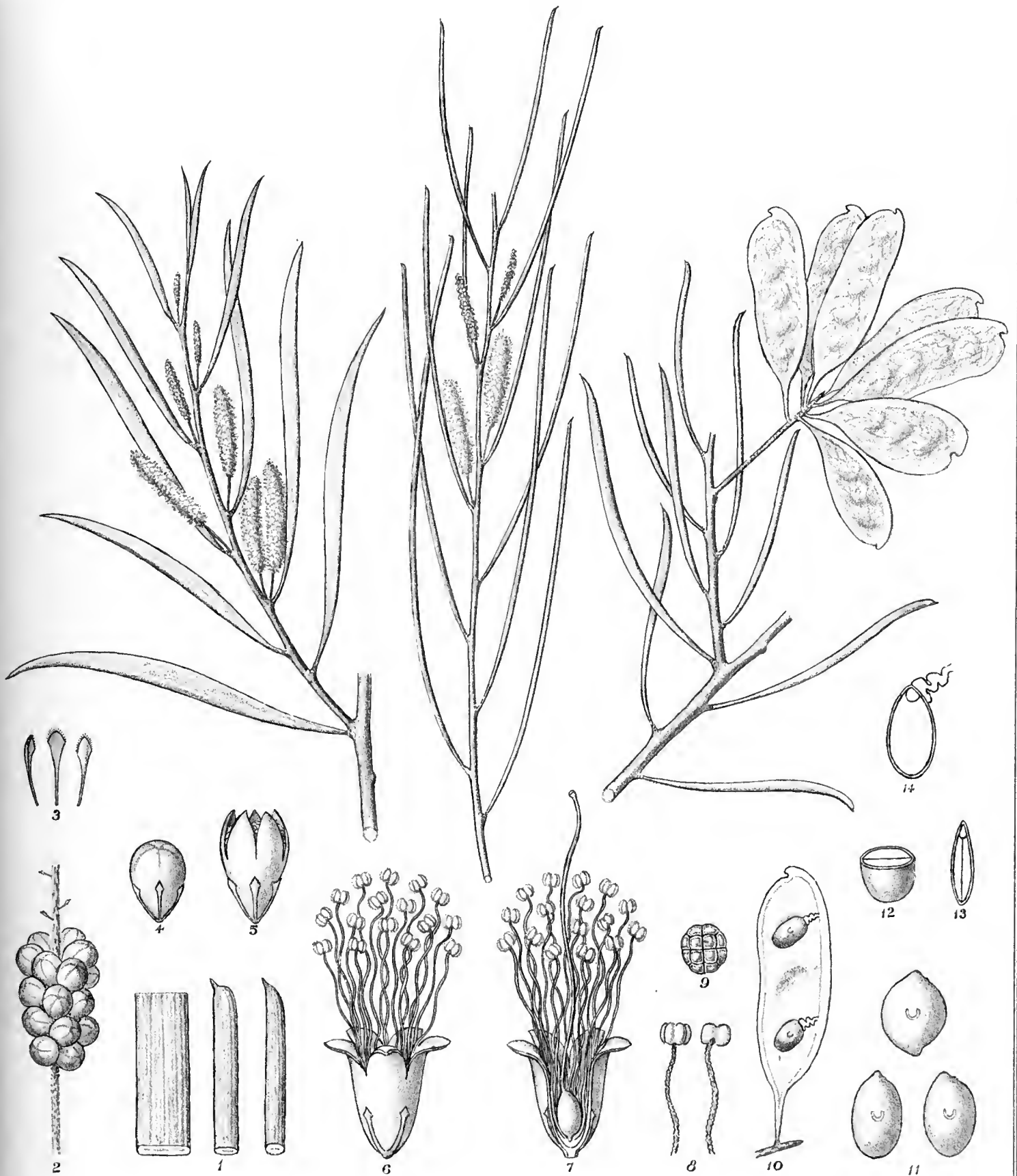
## ACACIA ANEURA.

F. v. M. in Schlechtendal's *Linnaea* xxvi. 627 (1853).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded flower, staminate only.
- 7, perfect flower, laid open.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, a fruit-valve with seeds.
- 11, seeds separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

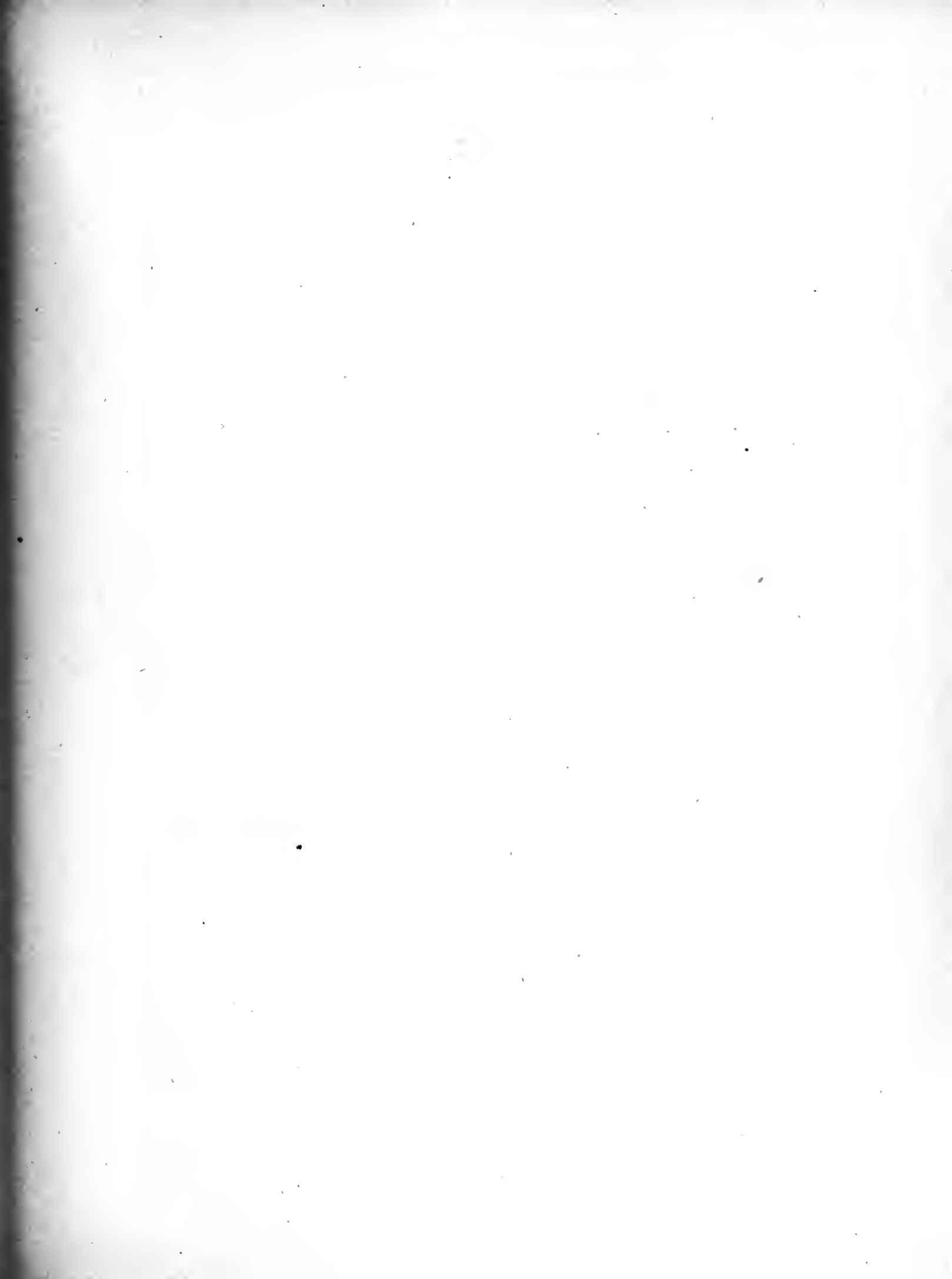
All enlarged, but to various extent.





*Acacia aneura* F.v.M.



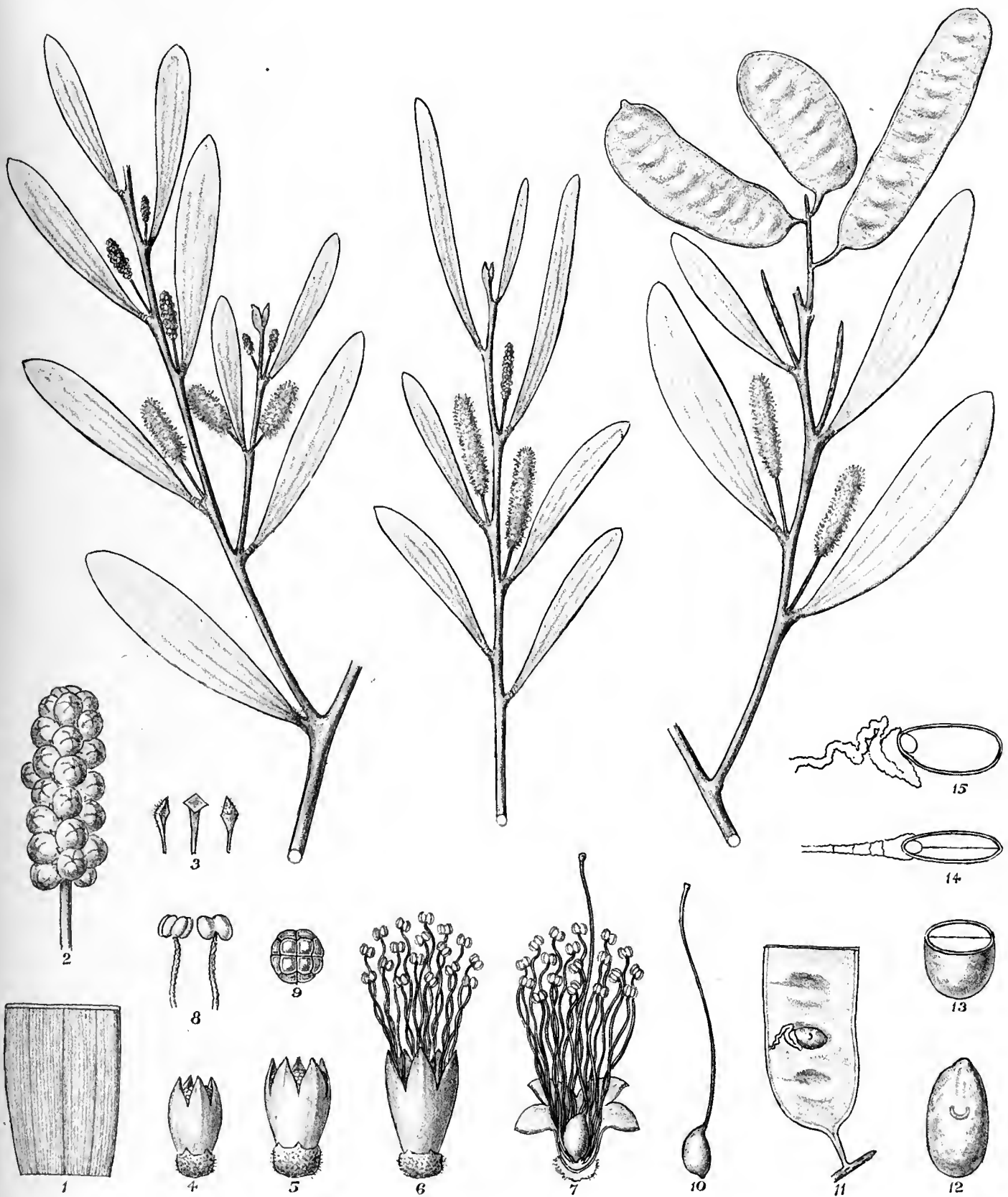


## ACACIA KEMPEANA.

F. v. M. in Melbourne Chemist and Druggist, July 1882.

- 1, portion of a phyllodium.
- 2, unexpanded spike.
- 3, bracts.
- 4 and 5, unexpanded flowers.
- 6, expanded flower, staminate only.
- 7, perfect flower, laid open.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, pistil.
- 11, lower portion of a fruit-valve with a seed.
- 12, a seed separated.
- 13, transverse section of a seed.
- 14 and 15, longitudinal sections of seeds.

All enlarged, but to various extent.



# *Acacia Kempeana* F.v.M.





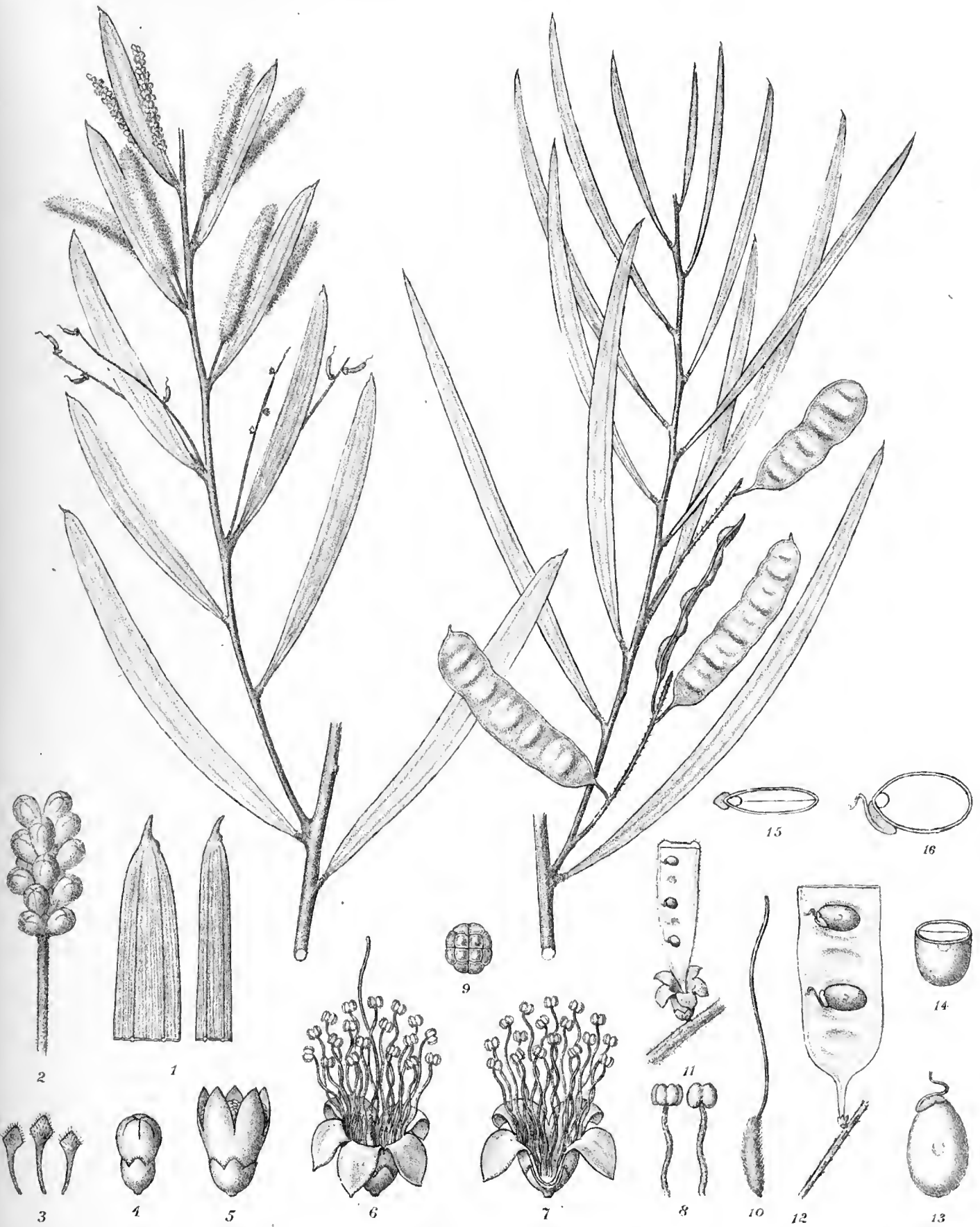
## ACACIA PLECTOCARPA.

Cunningham in Hooker's London Journal of Botany i. 375 (1842).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded flower, perfect.
- 7, flower, laid open, staminate only.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, pistil.
- 11, lower portion of a valve of a young fruit with ovules.
- 12, lower portion of a valve of a ripe fruit with seeds.
- 13, a seed separated.
- 14, transverse section of a seed.
- 15 and 16, longitudinal sections of seeds.

All enlarged, but to various extent.





R. Graff del C. Troedel & Co Lith F.v. M. direxit Steam Litho Gov Printing Office Melb

*Acacia plectocarpa* A Cunningham.









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ACACIA DORATOXYLON.

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PITYOIDES.

ANEURA.

KEMPEANA.

PLECTOCARPA.

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ELEVENTH DECADE.

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## ACACIA DELIBRATA.

Cunningham in Hooker's London Journal of Botany i. 374 (1842).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, back- and front-view of a stamen.
- 6, pistil.
- 7, portion of a fruit-valve with a seed.
- 8, a seed, separated.
- 9, transverse section of a seed.
- 10 and 11, longitudinal sections of seeds.

All enlarged, but to various extent.



*Acacia delibrata. A. Cunningham.*





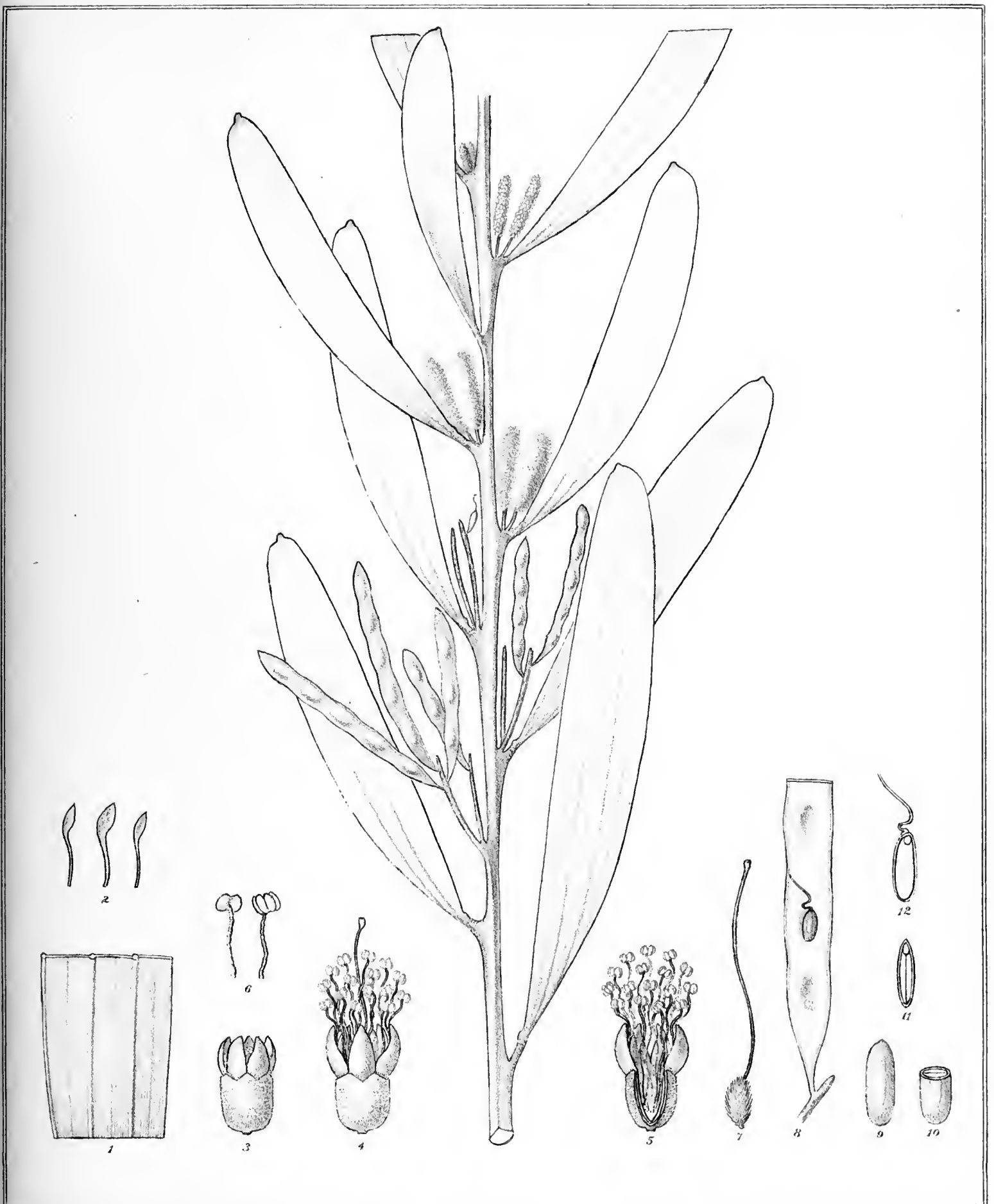


## ACACIA GONOCLADA.

F. v. M. in the Journal of the Linnean Society iii. 140 (1858).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded perfect flower.
- 5, expanded flower, laid open, staminate only.
- 6, back- and front-view of a stamen.
- 7, pistil.
- 8, portion of a fruit-valve with a seed.
- 9, a seed, separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



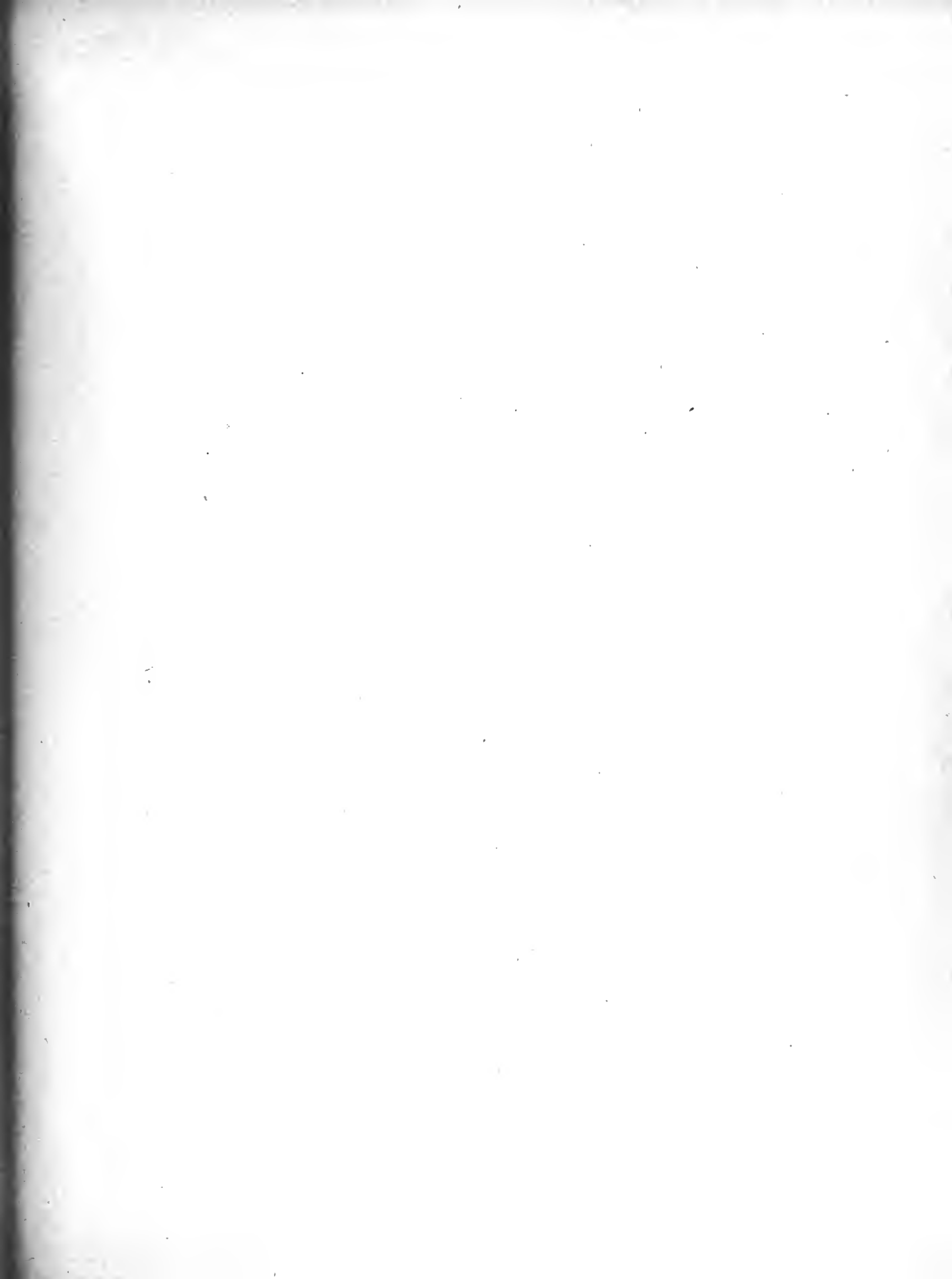
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F.v.M. direxit

Steam Litho Gov. Printing Office Melb.

*Acacia gonoclada* F.v.M.



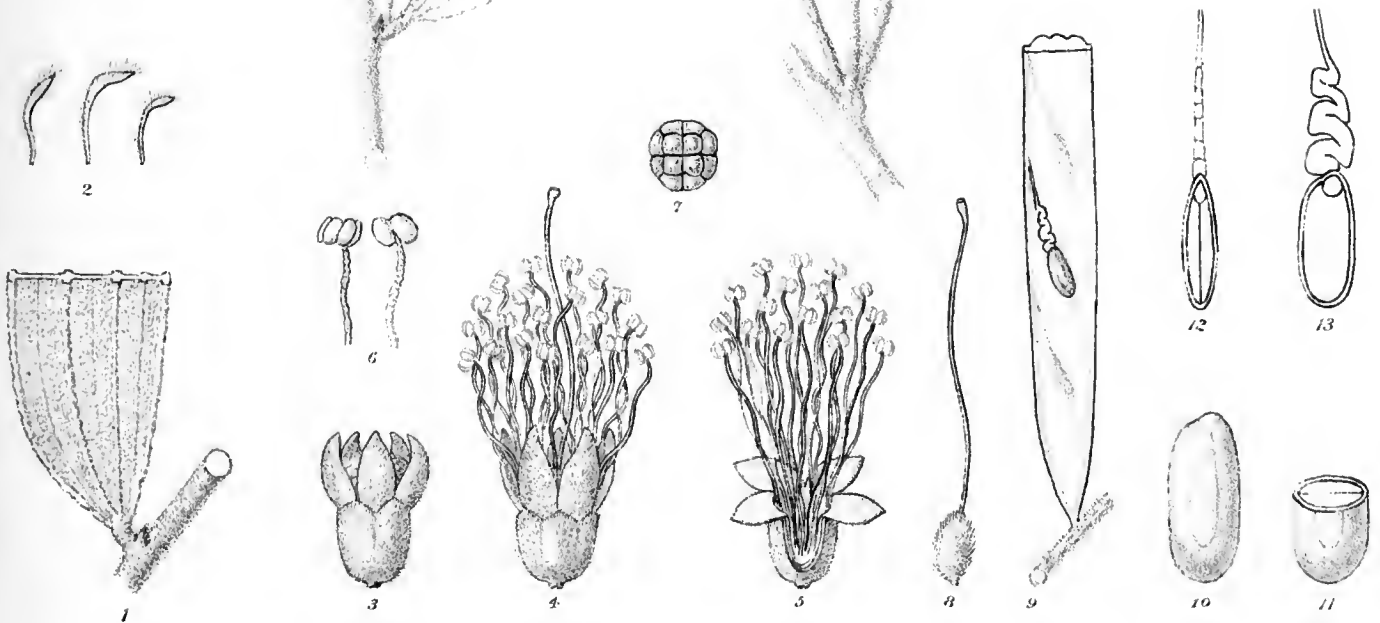


## ACACIA STIPULIGERA.

F. v. M. in the Journal of the Linnean Society iii. 144 (1858).

- 1, portion of a branchlet.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded perfect flower.
- 5, expanded flower, laid open, staminate only.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, portion of a fruit-valve with a seed.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



# *Acacia stipuligera* F.v.M





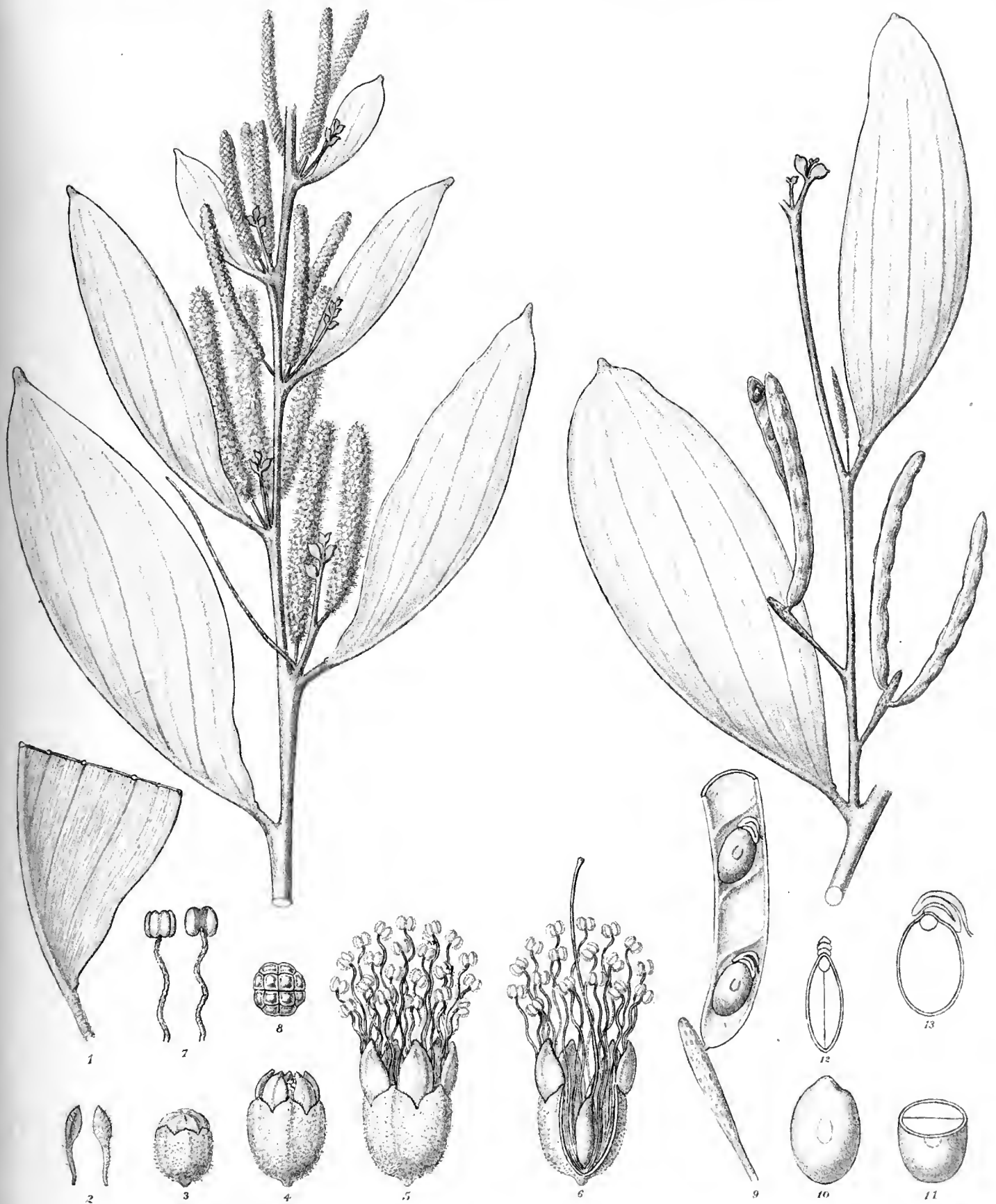


## ACACIA ACRADENIA.

F. v. M. in the Journal of the Linnean Society iii. 142 (1859).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, flower-bud.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, perfect flower, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, portion of a fruit-valve with seeds.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith.

F.v.M. direxit

Stema Litho Gov. Printing Office Melb.

*Acacia acradenia* F.v.M.





## ACACIA HOLCOCARPA.

Bentham, *Flora Australiensis* ii. 408 (1864).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded perfect flower.
- 6, expanded flower, laid open, staminate only.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, portion of a fruit-valve with seeds.
- 11, a seed, separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



*Acacia holocarpa* Benth.







## ACACIA WICKHAMI.

Bentham in Hooker's London Journal of Botany i. 379 (1842).

- 1, phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded perfect flower.
- 7, expanded flower, laid open, staminate only.
- 8, back- and front-view of a stamen.
- 9, pistil.
- 10, portion of a fruit-valve with a seed.
- 11, a seed, separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



# *Acacia Wickhami Benth.*





## ACACIA CONJUNCTIFOLIA.

F. v. M. fragmenta phytographiae Australiae xi. 68 (1879).

- 1, portion of a branchlet with phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, perfect.
- 6, flower laid open, staminate only.
- 7, front- and back-view of a stamen.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff. del. C. Troedel. C<sup>o</sup> Lith. F. v. M. direxit Steam. Litho Gov. Printing Office. Melb.

*Acacia conjunctifolia* F. v. M.





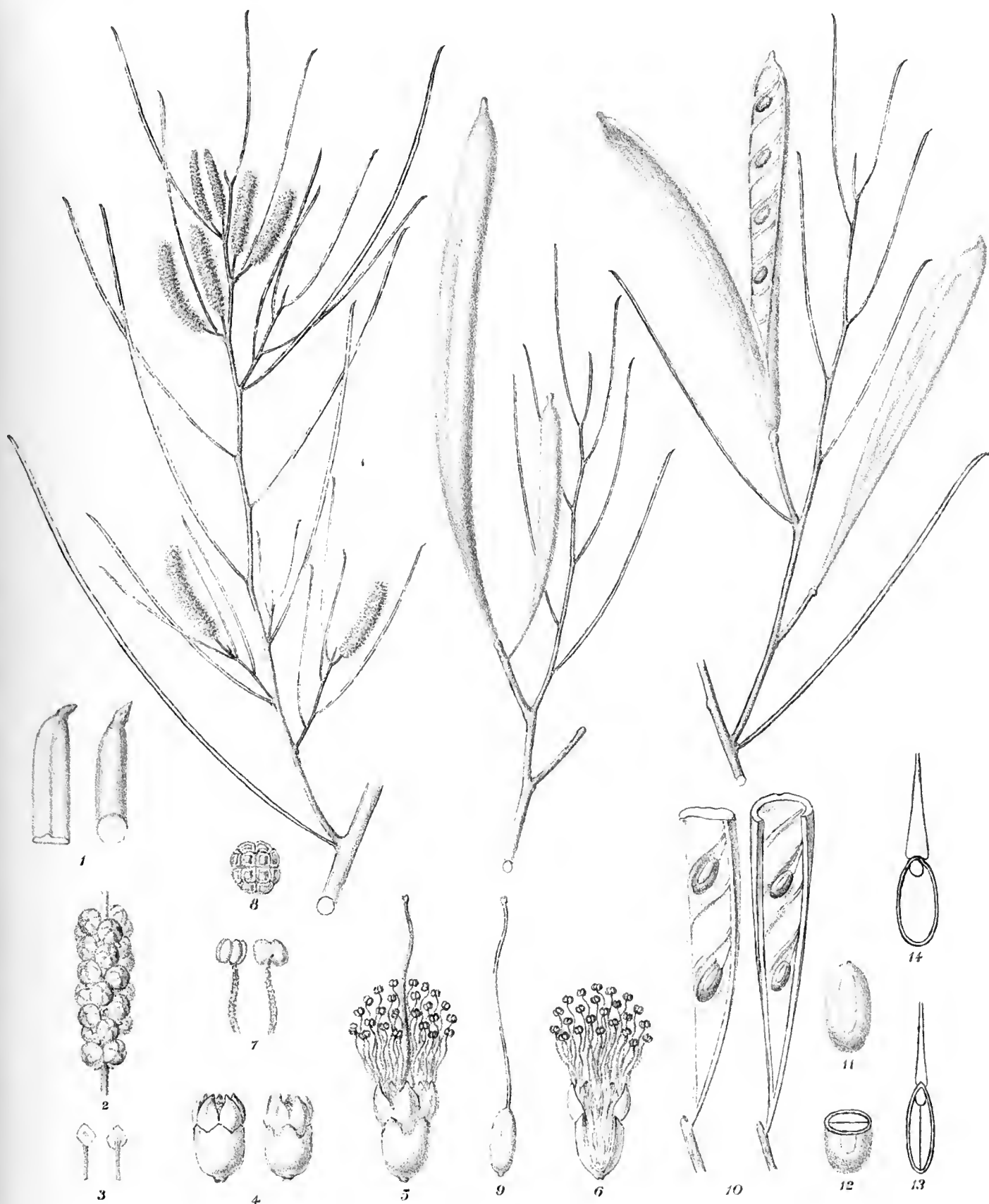


## ACACIA XYLOCARPA.

A. Cunningham in Hooker's London Journal of Botany i. 370 (1842).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flowers.
- 5, expanded perfect flower.
- 6, expanded flower, staminate only, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, portions of a fruit-valve with seeds.
- 11, a seed, separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedtz & Co. lith.

F. v. M. direxit

Steam Litho. Gov. Printing Office. Melb.

**Acacia xylocarpa** *A. Cunningham.*





## ACACIA GONOCARPA.

F. v. M. in the Journal of the Linnean Society iii. 136 (1858).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, portion of a fruit-valve with a seed.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith.

F.v.M. direxit.

Steam Litho Gov. Printing Office Melb.

*Acacia gonocarpa* F.v.M.





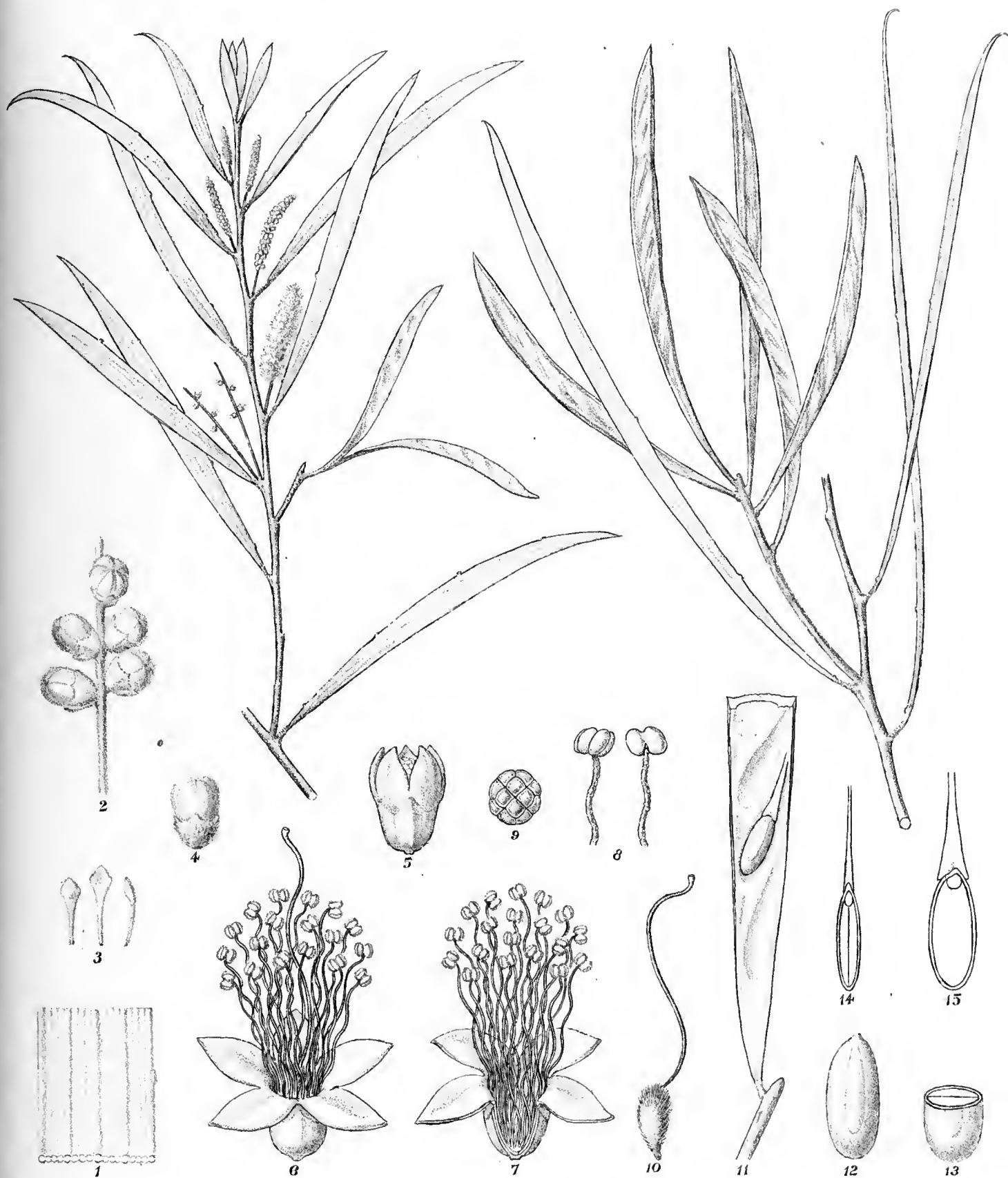


## ACACIA DREPANOCARPA.

F. v. M. in the Journal of the Linnean Society iii. 137 (1858).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded flower, perfect.
- 7, flower, laid open, staminate only.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, pistil.
- 11, lower portion of a fruit-valve with a seed.
- 12, a seed, separated.
- 13, transverse section of a seed.
- 14 and 15, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith.

F. v. M. direxit.

Steam Litho. Gov. Printing Office. Melb.

*Acacia drepanocarpa* F. v. M.









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XYLOCARPA.

GONOCARPA.

DREPANOCARPA.



ICONOGRAPHY  
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"GAUDEBITIS ET EXULTABITIS USQUE AD SEMPITERNUM IN IIS, QUÆ DEUS CREABAT."—*Prophetia Isaie*, lxx. 18.

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TWELFTH DECADE.

BY AUTHORITY:  
ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.  
1888.

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PRICE—THREE SHILLINGS.



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TWELFTH DECADE.

BY AUTHORITY:  
ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.

1888.7



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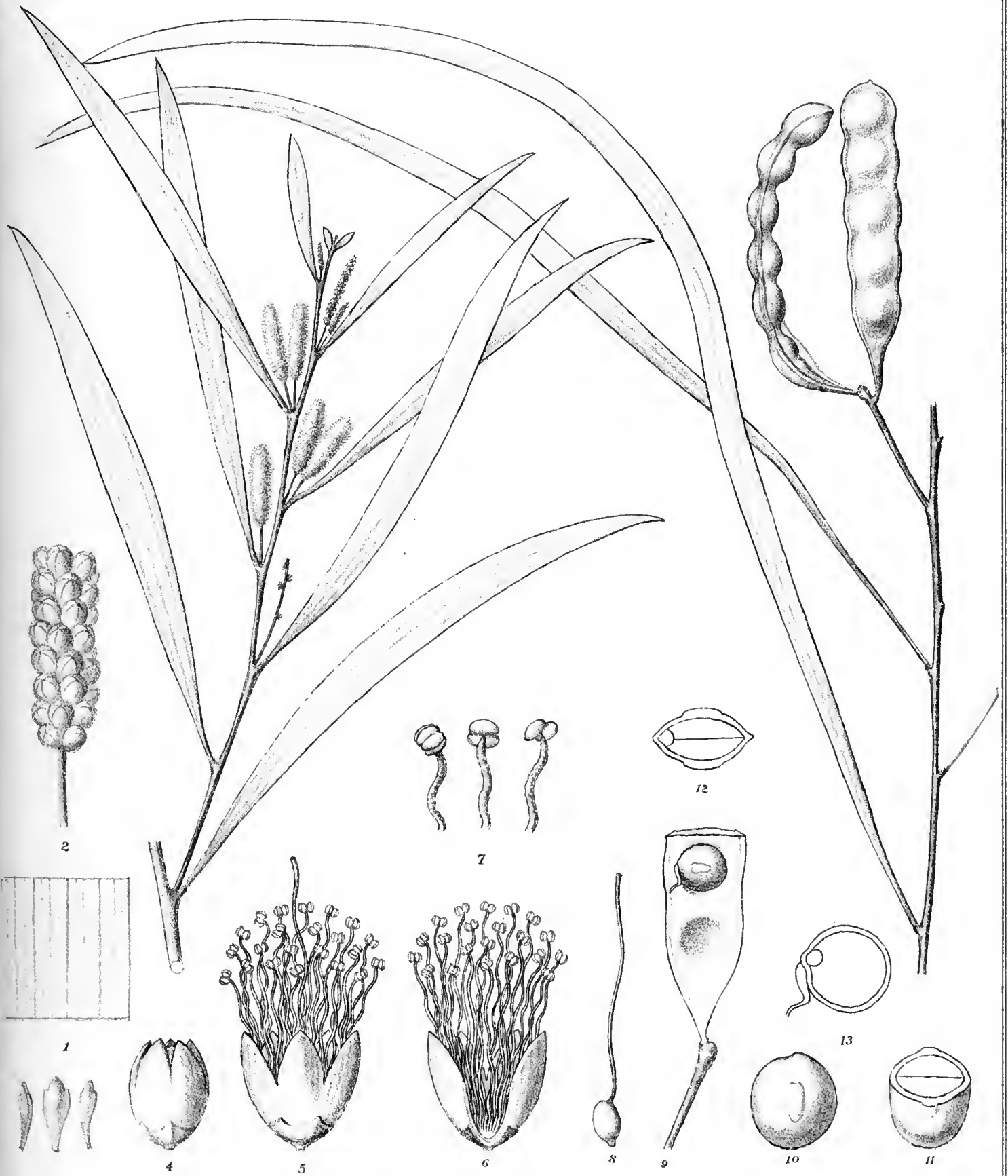
v.12

## ACACIA PACHYCARPA.

F. v. M. in Journal of the Linnean Society iii. 139 (1858).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, perfect.
- 6, staminate flower, laid open.
- 7, front- back- and side-view of stamens.
- 8, pistil.
- 9, lower portion of a fruit-valve with seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith. F.v.M. direxit Steam Litho Gov. Printing Office Melb.

*Acacia pachycarpa* F.v.M.





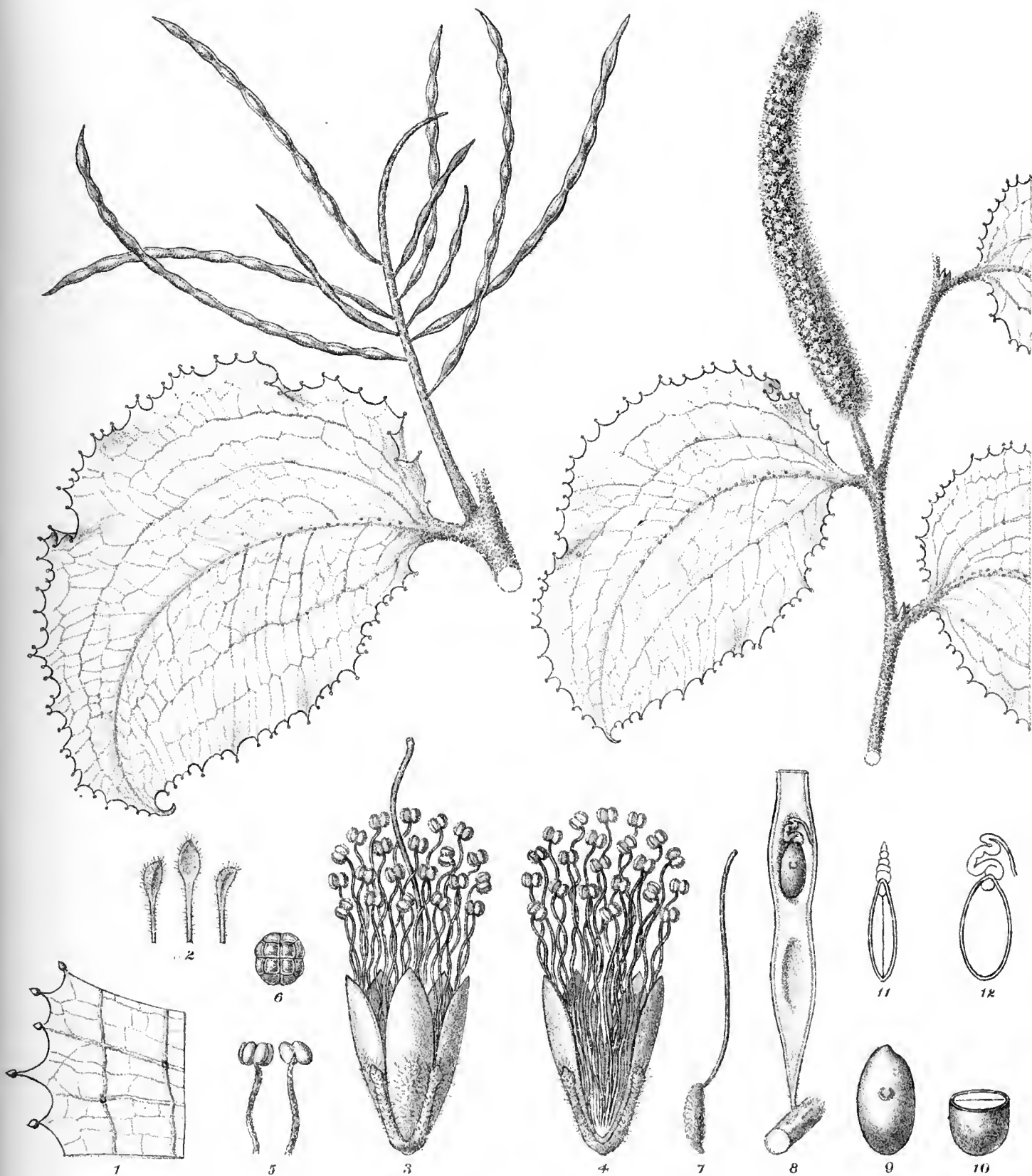


## ACACIA DENTICULOSA.

F. v. M. fragmenta phytographiae Australiae x. 32 (1876).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, perfect flower.
- 4, flower, laid open, staminate only.
- 5, front- and back-view of a stamen.
- 6, pollen-grain.
- 7, pistil.
- 8, lower portion of a fruit-valve with a seed.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff. del. C. Troedel & Co. Lith.

F. v. M. direct.

Steam Litho. Gov. Printing Office, Melb.

*Acacia denticulosa* F. v. M.



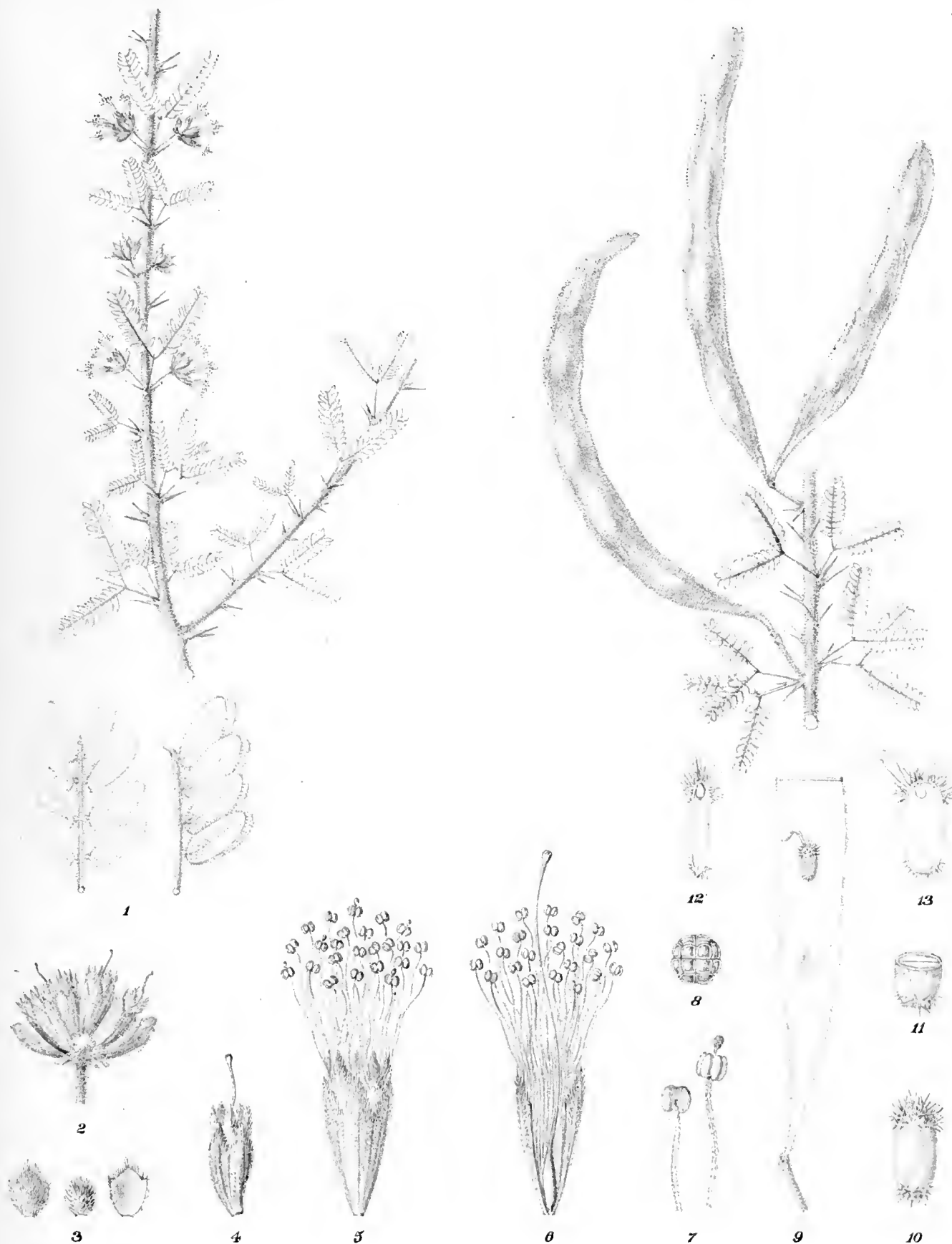


## ACACIA SUBEROSA.

Cunningham in Hooker's London Journal of Botany i. 499 (1842).

- 1, portions of a leaf.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, back- and front-view of stamens, one glandule-bearing.
- 8, pollen-grain.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



**Acacia suberosa** *A. Cunningham.*





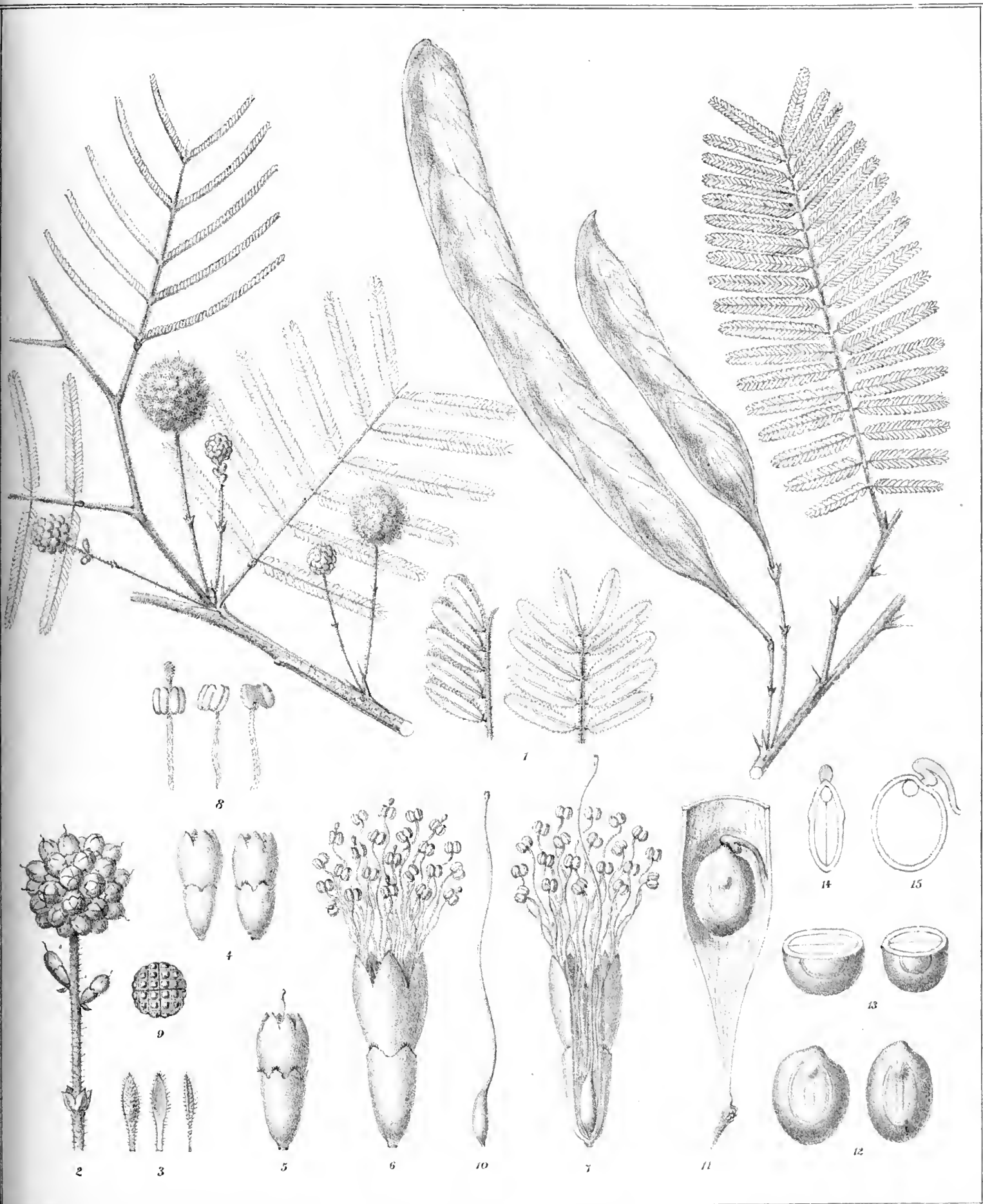


## ACACIA BIDWILLI.

Bentham in Schlechtendal's *Linnaea* xxvi. 629 (1853).

- 1, portions of a leaf.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4 and 5, unexpanded flowers.
- 6, expanded flower, staminate only.
- 7, expanded perfect flower, laid open.
- 8, front- side- and back- view of stamens, one glandule-bearing.
- 9, pollen-grain.
- 10, pistil.
- 11, lower portion of a fruit-valve with a seed.
- 12, two seeds separated.
- 13, transverse sections of two seeds.
- 14 and 15, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith. F.v.M. direxit Steam Litho Gov. Printing Office Melb.

**Acacia Bidwilli** *Bentham.*



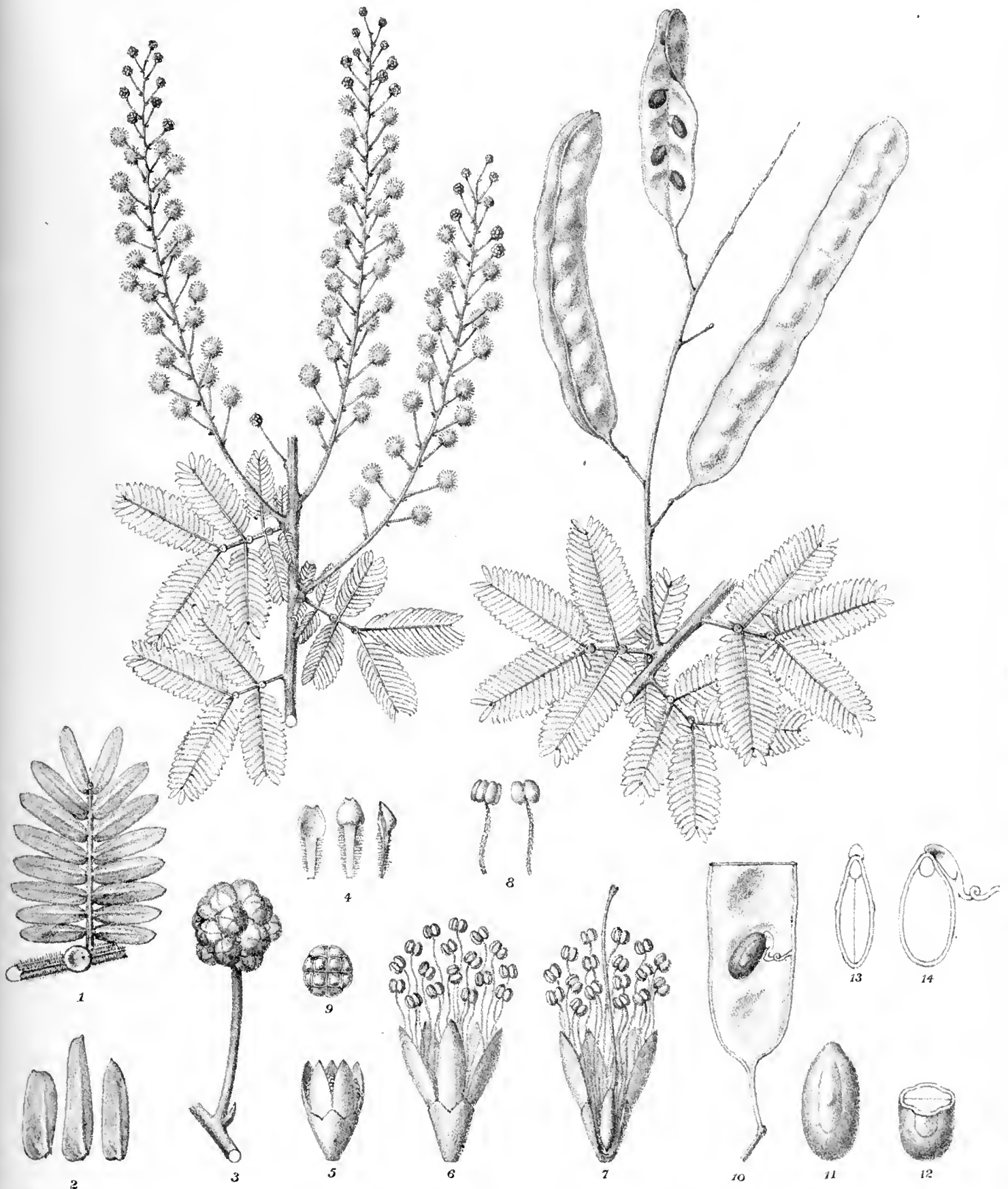


## ACACIA BAILEYANA.

F. v. M. in the transactions of the Royal Society of Victoria (1887).

- 1, portion of a leaf.
- 2, leaflets.
- 3, head of unexpanded flowers.
- 4, bracts.
- 5, unexpanded flower.
- 6, expanded flower, staminate only.
- 7, expanded perfect flower, laid open.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, lower portion of a fruit-valve with a seed.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



# *Acacia Baileyana* F.v.M.





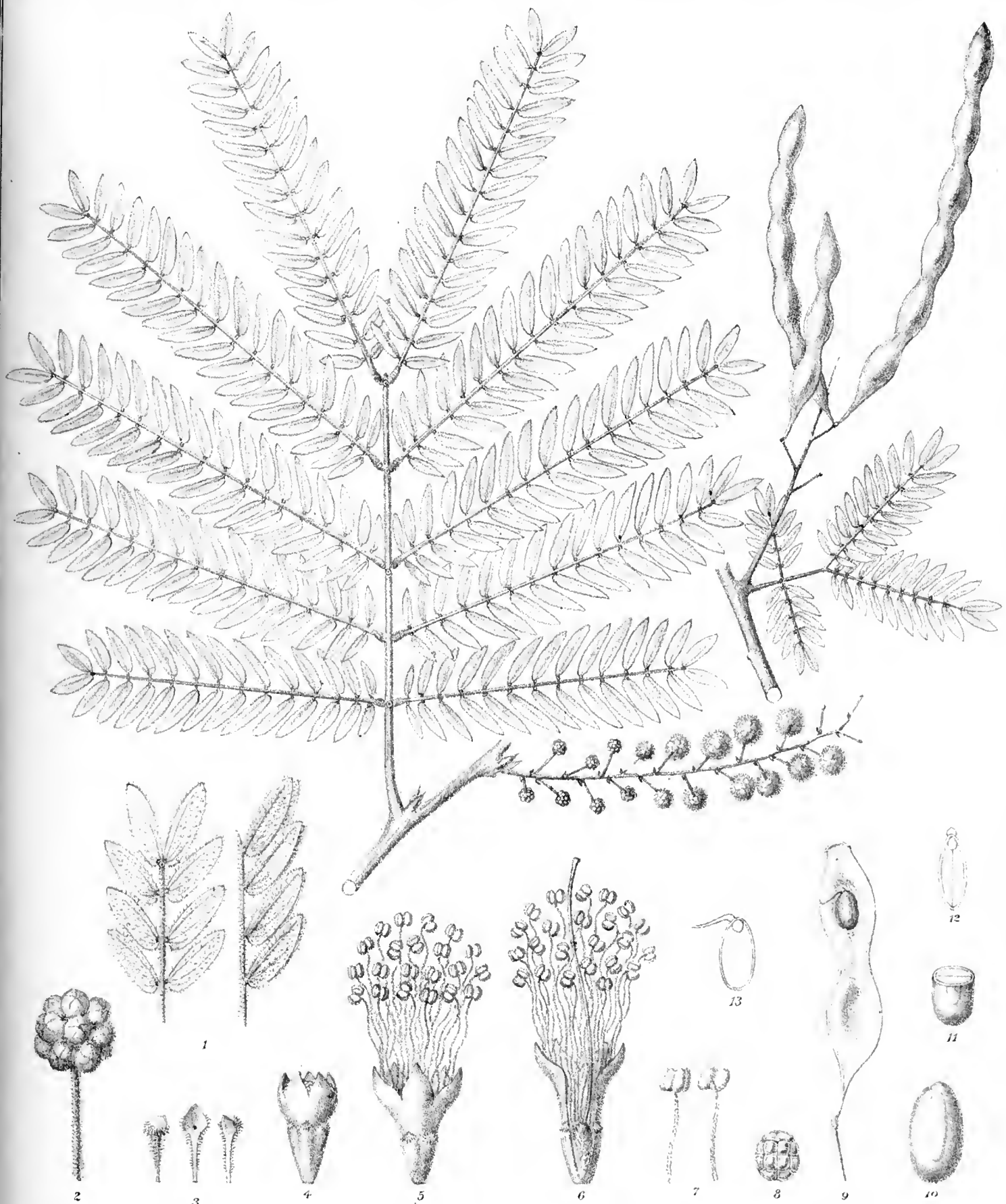


## ACACIA POLYBOTRYA.

Bentham in Hooker's London Journal of Botany i. 384 (1842).

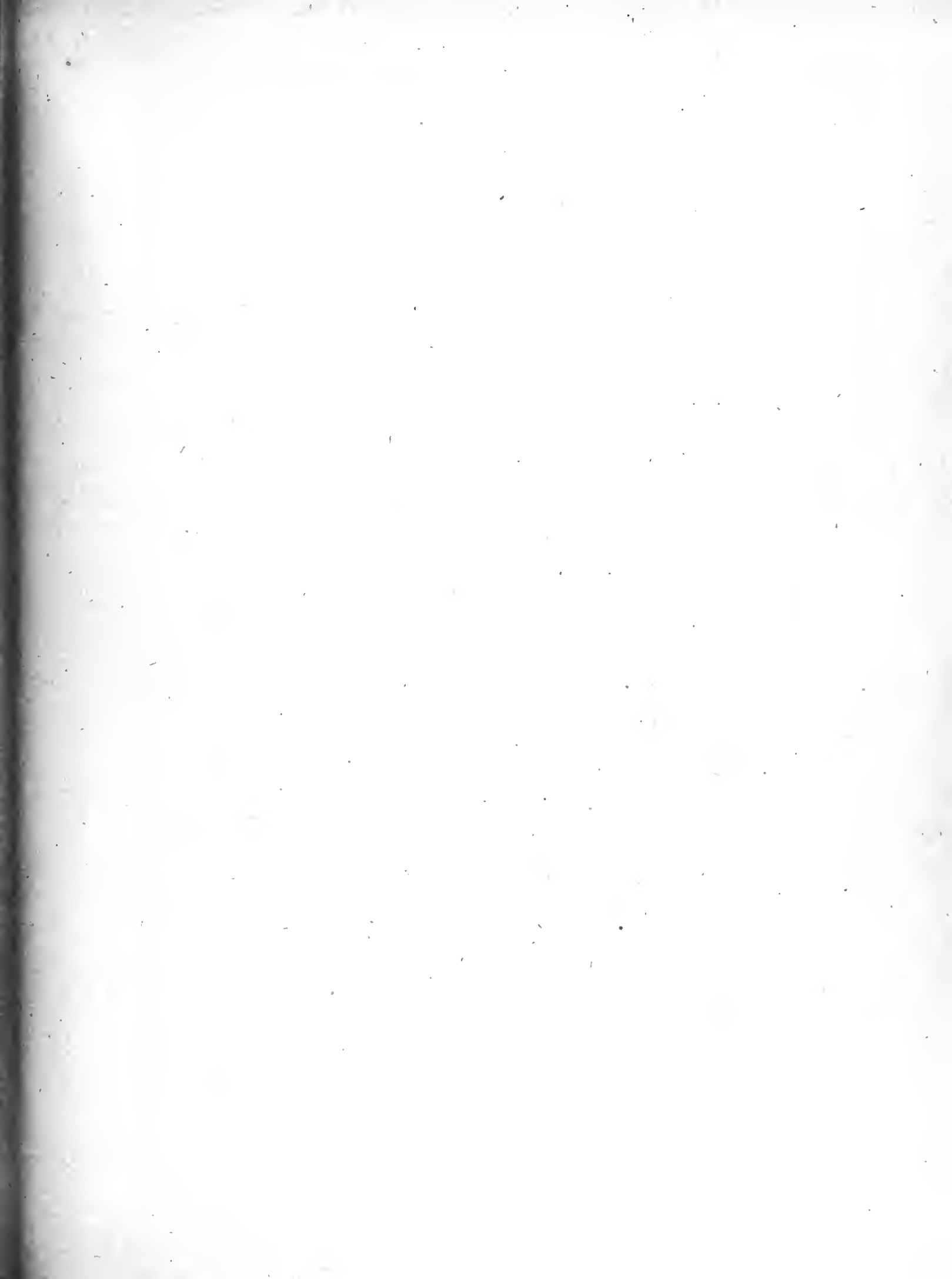
- 1, portions of leaves.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



*Acacia polybotrya* Bentham.





## ACACIA ELATA.

Cunningham in Hooker's London Journal of Botany i. 383 (1842).

- 1, head of unexpanded flowers.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, front- and back-view of a stamen.
- 6, pollen-grain.
- 7, pistil.
- 8, lower portion of a fruit-valve with a seed.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del., G. Troedel & Co. Lith.

F. v. M. direct.

Steam Litho, Gov. Printing Office, Melb.

*Acacia elata.* A. CUNNINGHAM





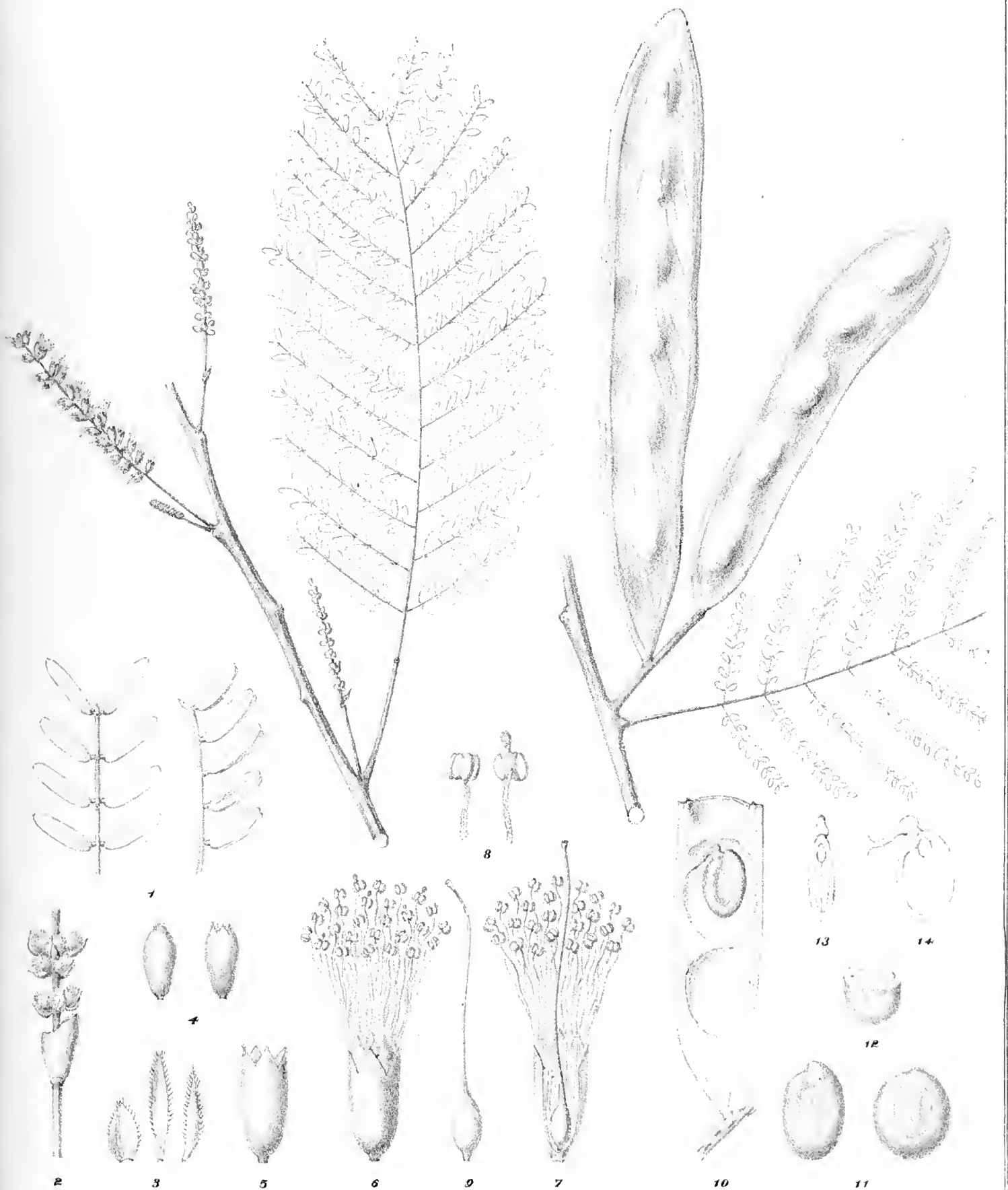


## ACACIA SUTHERLANDI.

F. v. M. Albizzia Sutherlandi, F. v. M. fragmenta phytographiae Australiae vi.  
22 (1867).

- 1, portions of leaves.
- 2, portion of a spike of unexpanded flower.
- 3, bracts.
- 4, flower-buds.
- 5, unexpanded flower.
- 6, expanded flower, staminate only.
- 7, expanded perfect flower, laid open.
- 8, front- and back-view of a stamen, one glandule-bearing.
- 9, pistil.
- 10, portion of a fruit-valve with one seed.
- 11, two seeds separated.
- 12, transverse section of a seed.
- 13, longitudinal sections of seeds.

All enlarged, but to various extent.



# **Acacia Sutherlandi** *F.v.M.*





## ALBIZZIA BASALTICA.

Bentham, Flora Australiensis ii. 422 (1864).

- 1, portions of leaves.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



*Albizzia basaltica* BENTHAM.





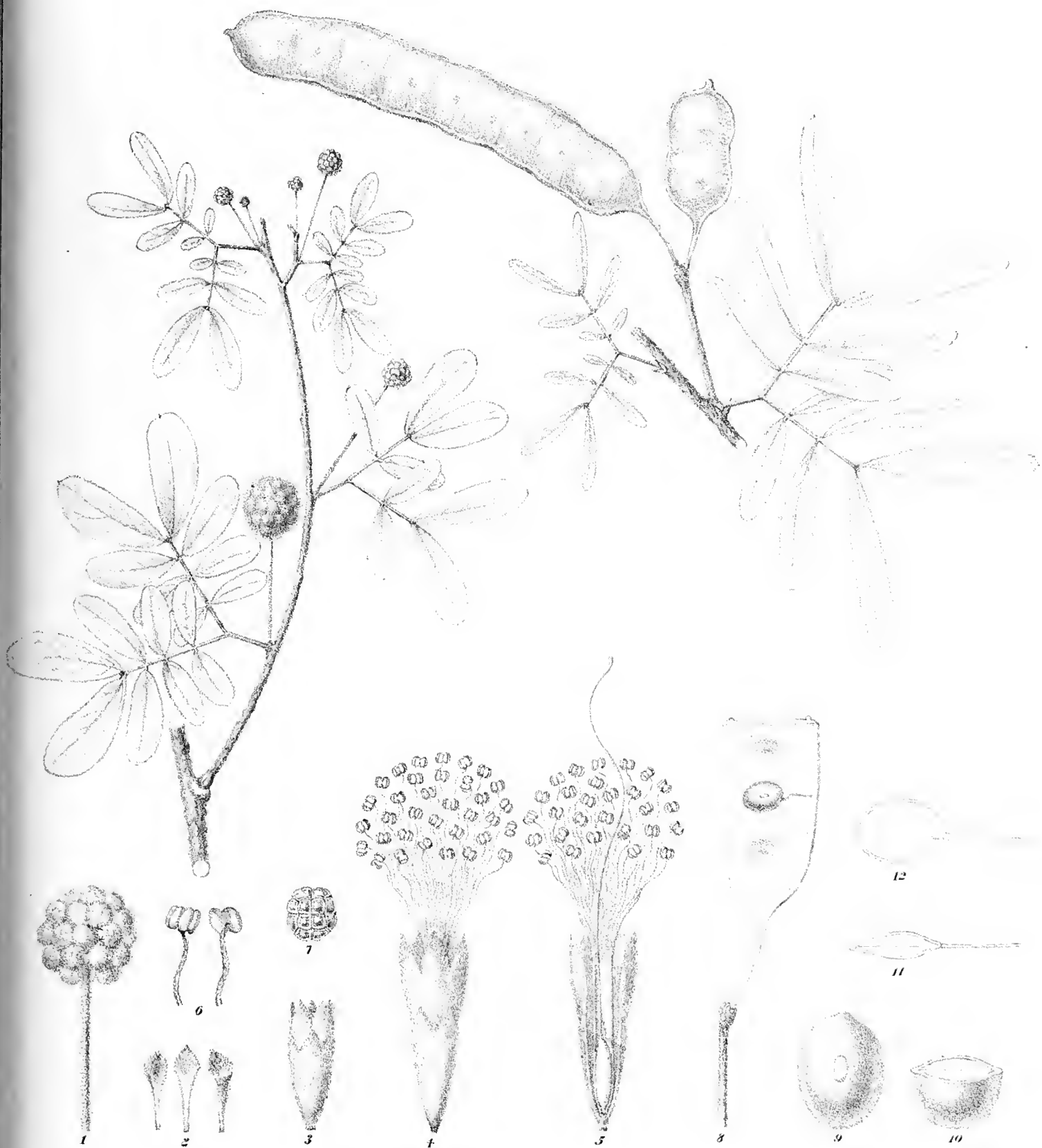


## ALBIZZIA THOZETIANA.

F. v. M. in Bentham's Flora Australiensis ii. 422 (1864).

- 1, head of unexpanded flowers.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower, staminate only.
- 5, expanded perfect flower, laid open.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, lower portion of a fruit-valve with a seed.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



# **Albizzia Thozetiana** *F. v. M.*









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ALBIZZIA BASALTICA.

THOZETIANA.



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"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPITERNUM IN IIS, QUÆ DEUS CREAVIT."—*Prophetia Isaïæ*, lxxv. 18.

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THIRTEENTH DECADE.

BY AUTHORITY:  
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1888.

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1888.



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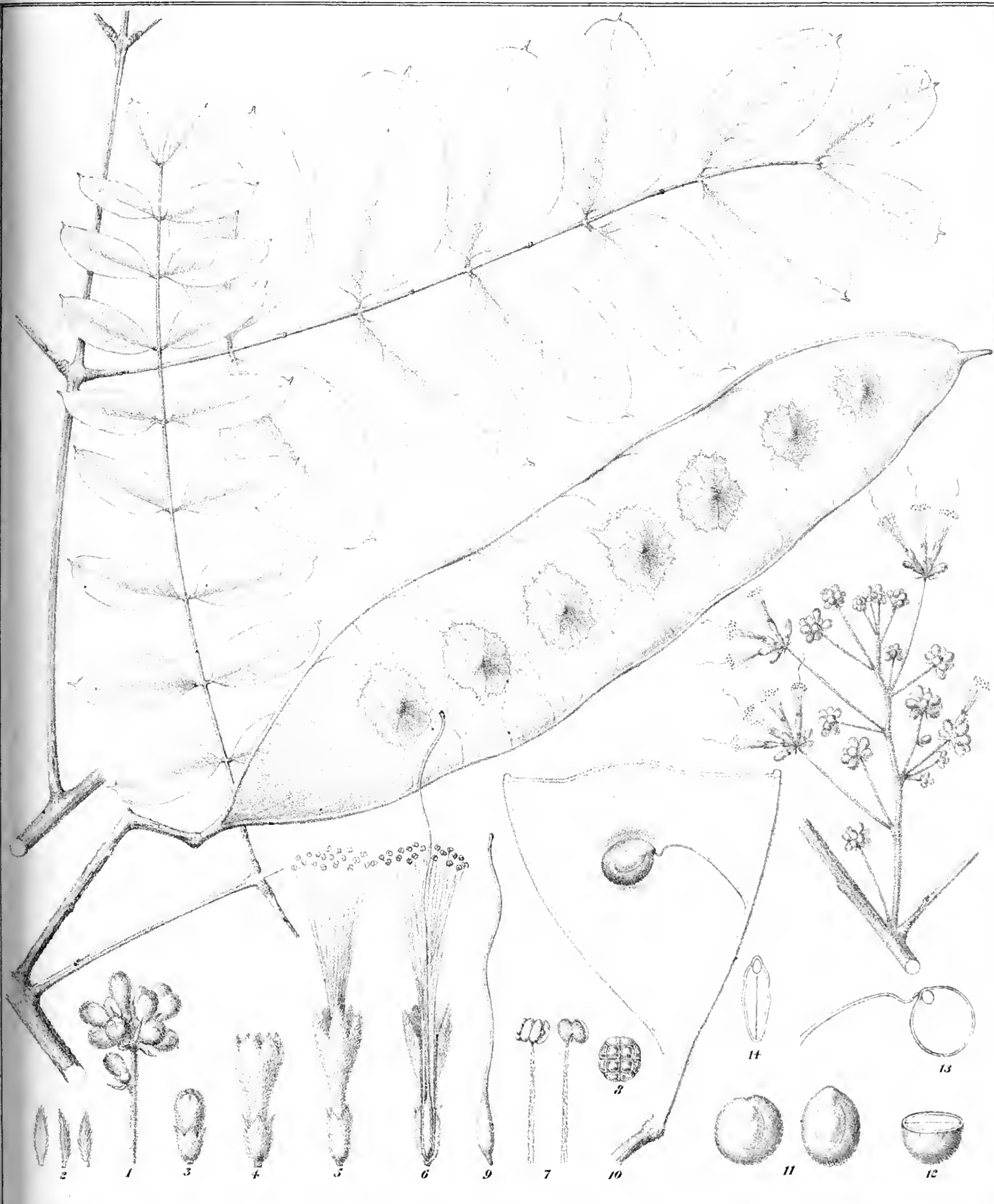
V.13

## ALBIZZIA CANESCENS.

Bentham, *Flora Australiensis* ii. 423 (1864).

- 1, head of unexpanded flowers.
  - 2, bracts.
  - 3, flower-bud.
  - 4, unexpanded flower.
  - 5, expanded flower, staminate only.
  - 6, expanded perfect flower, laid open.
  - 7, front- and back-view of a stamen.
  - 8, pollen-grain.
  - 9, pistil.
  - 10, lower portion of a fruit-valve with a seed.
  - 11, two seeds separated.
  - 12, transverse section of a seed.
  - 13 and 14, longitudinal sections of seeds.
- All except 10 enlarged, but to various extent.





R. Graff del. C. Troedel & Co. Lith. F. v. M. direxit. Steam Litho. Gov. Printing Office Melb.

**Albizzia canescens** *Benth.*



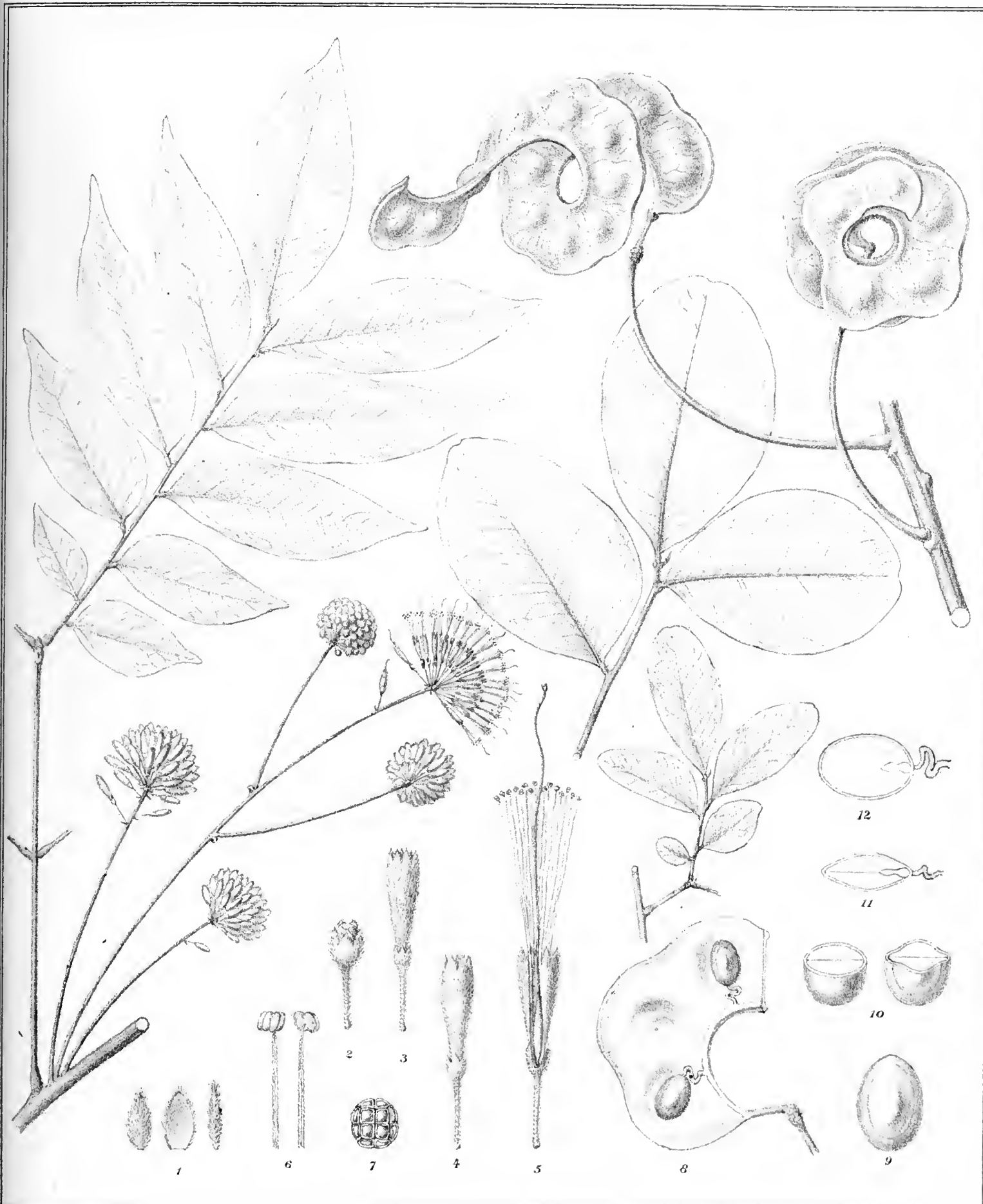


## ALBIZZIA PRUINOSA.

F. v. M. in Trimen's Journal of Botany 9 (1872).

- 1, bracts.
- 2, flower-bud.
- 3 and 4, unexpanded flowers.
- 5, expanded flower, laid open.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, lower portion of a fruit-valve with seeds.
- 9, a seed separated.
- 10, transverse sections of two seeds.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co Lith.

FvM direxit

Steam Litho Gov Printing Office Melb.

**Albizzia pruinosa** *FvM*





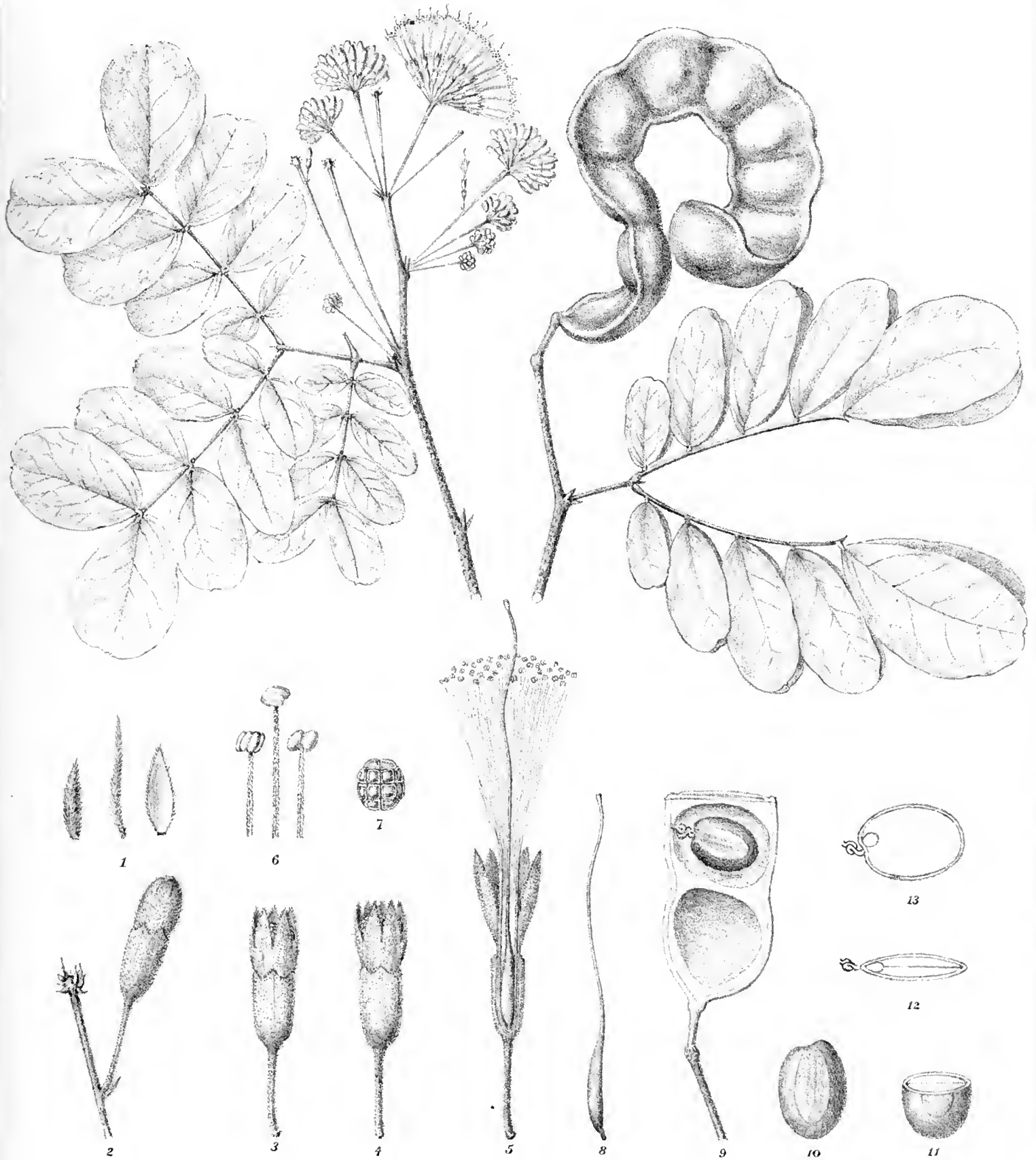
## ALBIZZIA MONILIFERA.

F. v. M. in Trimen's Journal of Botany 10 (1872).

- 1, bracts.
- 2, portion of an inflorescence.
- 3 and 4, unexpanded flowers.
- 5, expanded flower, laid open.
- 6, front-, side- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.





# **Albizzia monilifera** *F.v.M.*



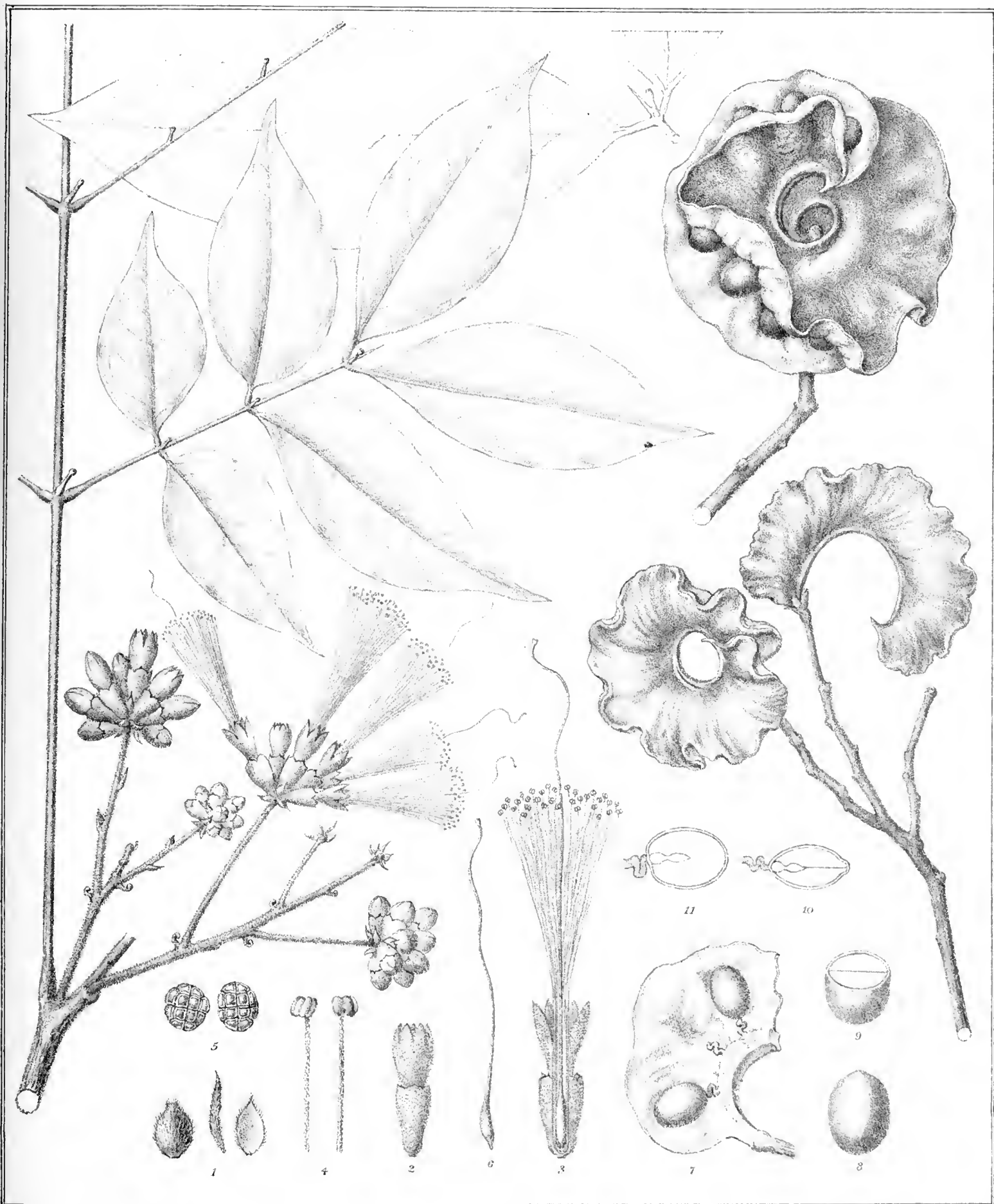


## ALBIZZIA TOZERI.

F. v. M. in Trimen's Journal of Botany 10 (1872.)

- 1, bracts.
- 2, unexpanded flower.
- 3, expanded flower, laid open.
- 4, front- and back-view of a stamen.
- 5, pollen-grains.
- 6, pistil.
- 7, lower portion of a fruit-valve with two seeds.
- 8, a seed separated.
- 9, transverse section of a seed.
- 10 and 11, longitudinal sections of seeds.

All enlarged, but to various extent.



# *Albizzia Tozeri* F.v.M.





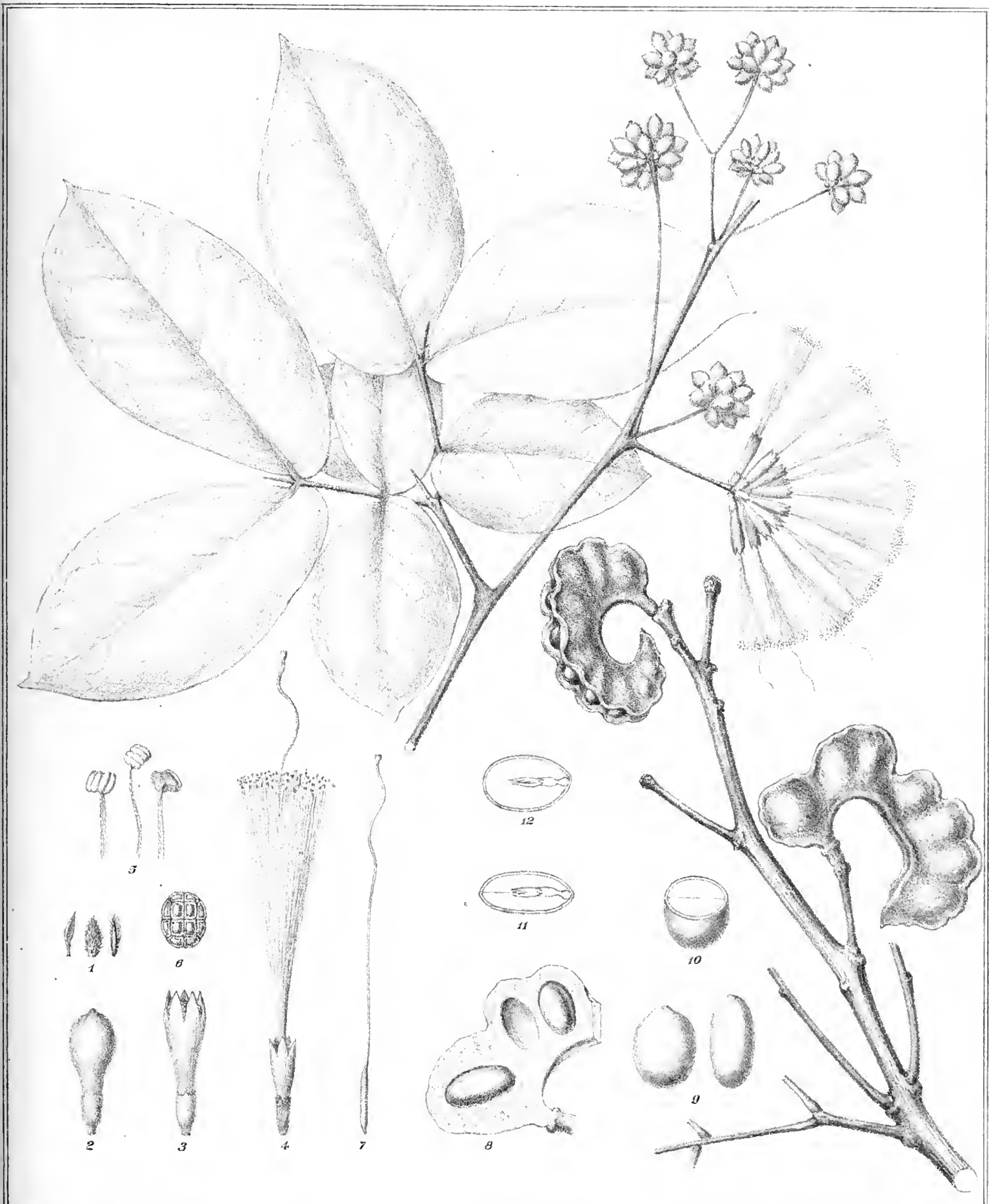
## ALBIZZIA HENDERSONI.

F. v. M. in Trimen's Journal of Botany 10 (1872).

- 1, bracts.
- 2, flower-bud.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, front-, side- and back-view of a stamen.
- 6, pollen-grain.
- 7, pistil.
- 8, lower portion of a fruit-valve with seeds.
- 9, two seeds separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.





R. Graff. del. C. Troedel & Co. Lith.

F.v.M. direct

Steam Litho. Gov. Printing Office. Melb.

***Albizzia Flenderstoni* F.v.M.**



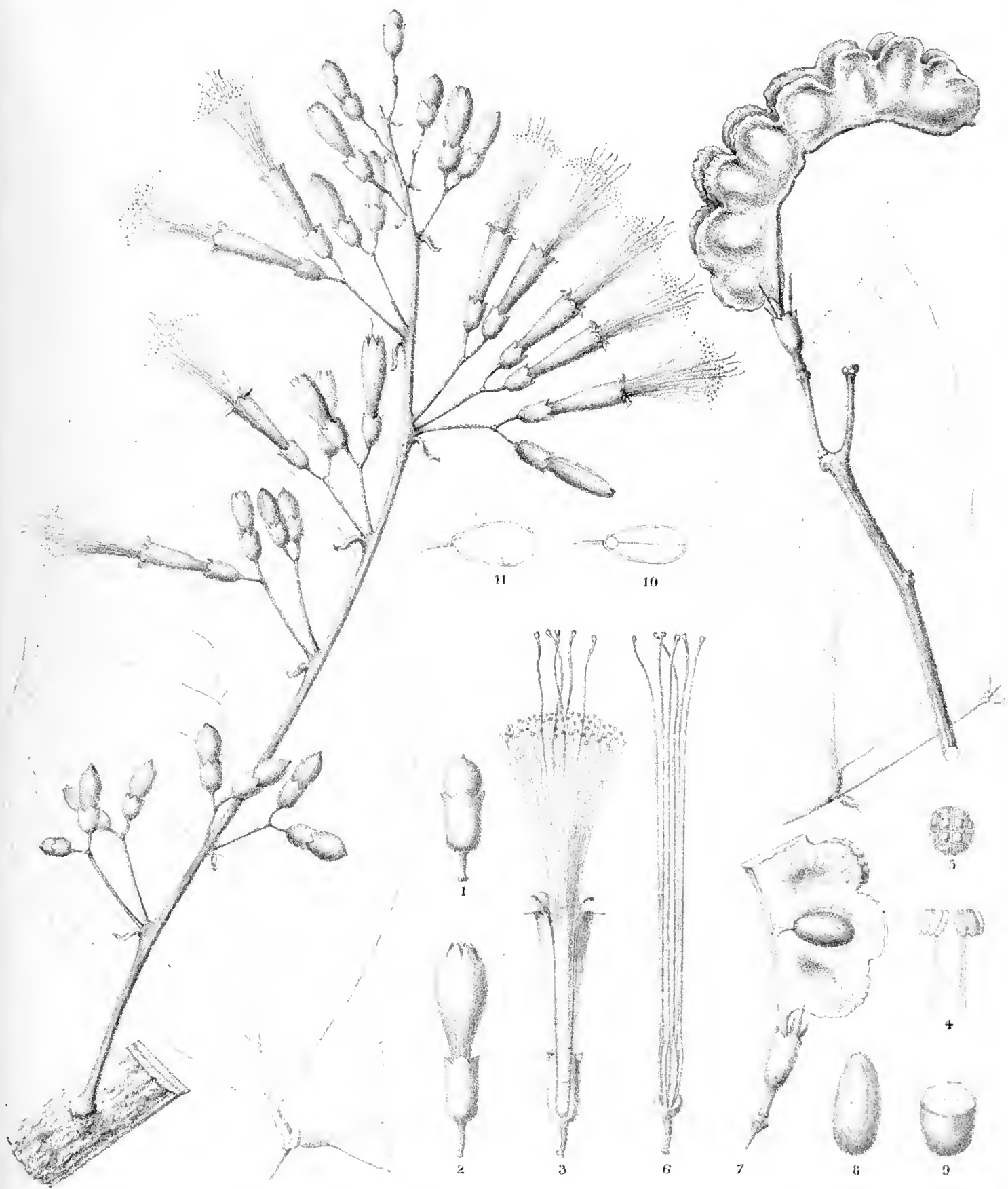


## ALBIZZIA LUCYI.

F. v. M., Archidendron Lucyi, F. v. M. fragmenta phytographiae Australiae  
vi. 201 (1868).

- 1, flower-bud.
- 2, unexpanded flower.
- 3, expanded flower, laid open.
- 4, front- and back-view of a stamen.
- 5, pollen-grain.
- 6, pistils.
- 7, lower portion of a fruit-valve with a seed.
- 8, a seed separated.
- 9, transverse section of a seed.
- 10 and 11, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del., C. Troedel & Co. Litho.

F.v.M. direct.

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# *Albizzia Lucyi* F.v.M.





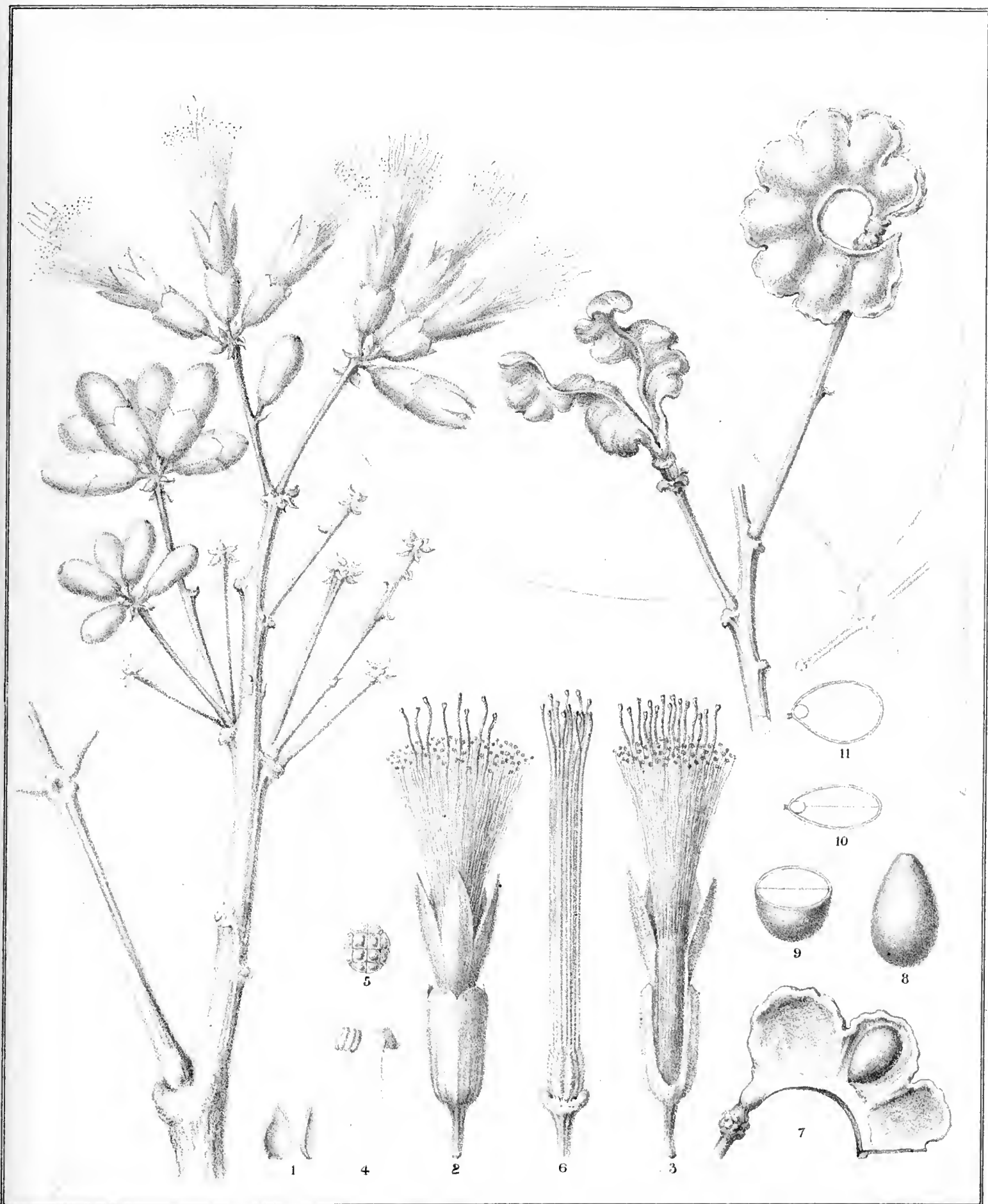
## ALBIZZIA VAILLANTII.

F. v. M., Archidendron Vaillantii, F. v. M. fragmenta phytographiae Australiae  
v. 60 (1865).

- 1, bracts.
- 2, expanded perfect flower.
- 3, expanded flower laid open, staminate only
- 4, front- and back-view of a stamen.
- 5, pollen-grain.
- 6, pistils.
- 7, lower portion of a fruit-valve with a seed.
- 8, a seed separated.
- 9, transverse section of a seed.
- 10 and 11, longitudinal sections of seeds.

All enlarged, but to various extent.





R. Graff del., C. Troedel & C<sup>o</sup> Lith.

FvM. direxit

Steam Litho, Gov. Printing Office, Meib.

***Albizzia Vaillantii* FvM**



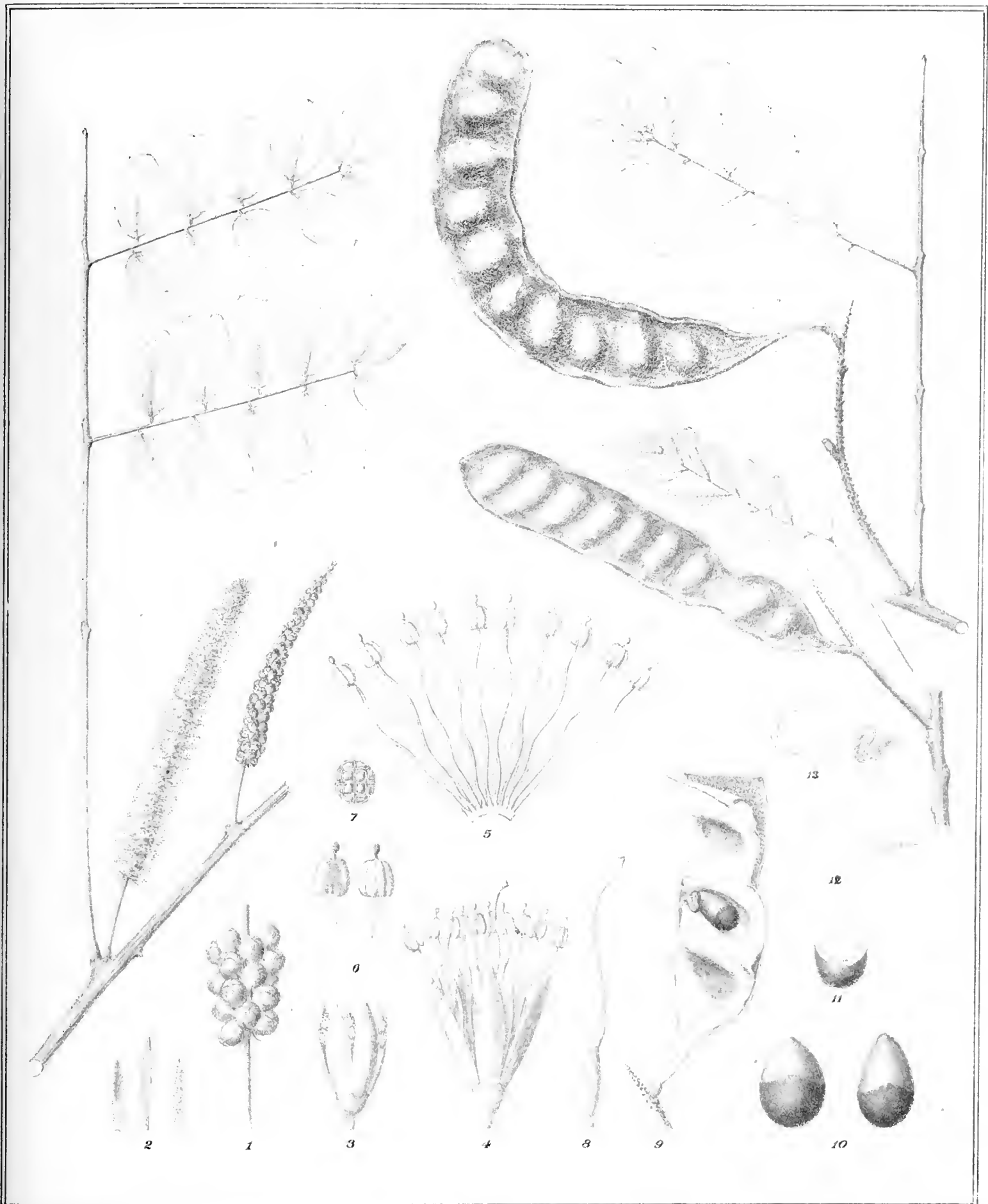


## ADENANTHERA ABROSPERMA.

F. v. M. fragmenta phytographiae Australiae v. 30 (1865).

- 1, portion of a spike of unexpanded flowers.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, flower, laid open.
- 6, back- and front-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, two seeds separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & C<sup>o</sup> Lith.

F. v. M. direct.

Steam Litho. Gov. Printing Office. Madras

*Adenanthera abrosperma* F. v. M.





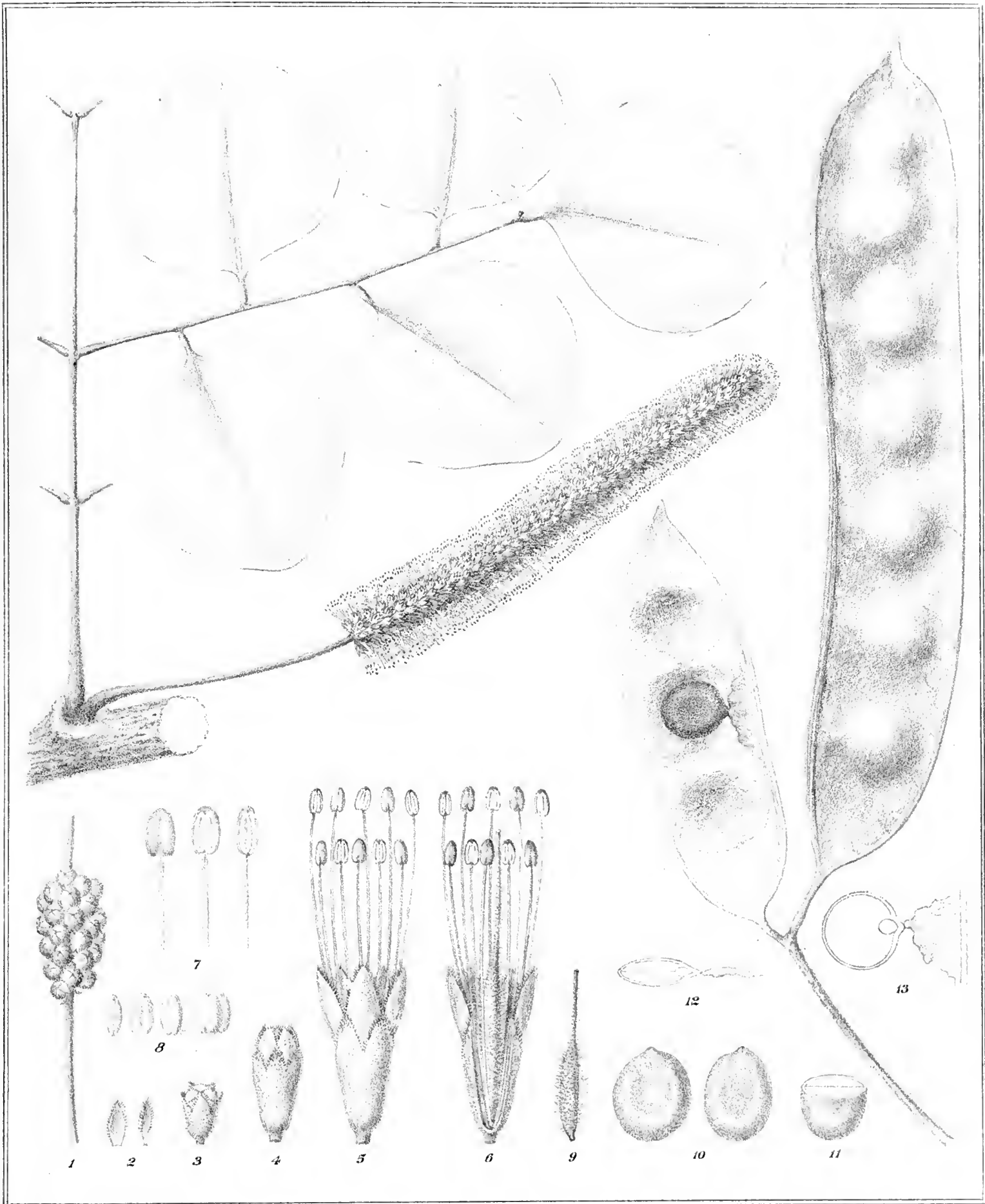
## ERYTHROPHLAEUM LABOUCHERII.

F. v. M. in Bentham's *Flora Australiensis* ii. 297 (1864).

- 1, portion of a spike of unexpanded flowers.
- 2, bracts.
- 3, flower-bud.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, back-, front- and side-view of a stamen.
- 8, pollen-grains.
- 9, pistil.
- 10, two seeds.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.





R. Graff del. C. Troedel & Co. Lith.

F. v. M. direxit

Steam Litho. Gov. Printing Office Melb.

**Erythrophlaeum Labouchei** *F. v. M.*



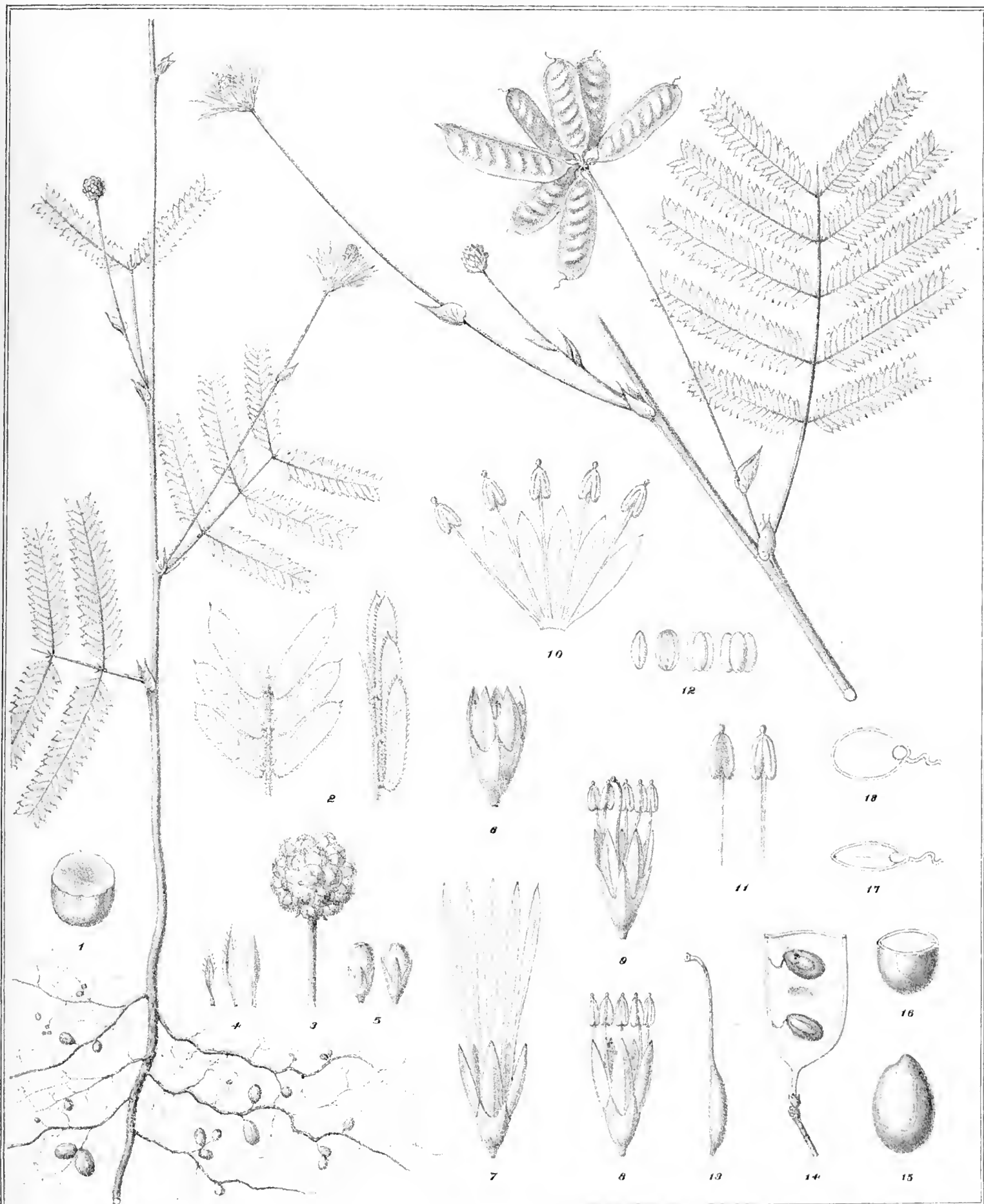


## NEPTUNIA GRACILIS.

Bentham in Hooker's Journal of Botany iv. 355 (1842).

- 1, transverse section of a tuber.
- 2, portions of leaves.
- 3, head of unexpanded flowers.
- 4, bracts.
- 5, flower-buds.
- 6, unexpanded flower.
- 7, expanded sterile flower.
- 8, expanded fertile flower, staminate only.
- 9, expanded perfect flower.
- 10, staminate flower, laid open.
- 11, back- and front-view of a stamen.
- 12, pollen-grains.
- 13, pistil.
- 14, lower portion of fruit-valve with seeds.
- 15, a seed separated.
- 16, transverse section of a seed.
- 17 and 18, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & C<sup>o</sup> Lith

F. v. M. direxit

Steam Litho. Gov. Printing Office Meib

**Neptunia** *gracilis* BENTHAM.



ICONOGRAPHY  
OF  
AUSTRALIAN SPECIES OF ACACIA  
AND  
COGNATE GENERA,

BY  
BARON FERD. VON MUELLER, K.C.M.G., M. & PH.D., F.R.S.,  
*GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.*

---

"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPERNUM IN IIS, QUÆ DEUS CREASAT."—*Prophetia Isaia*, lxx. 18.

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DECADES I.—XIII.  
1887—1888.

BY AUTHORITY:  
ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.  
—  
1888.





TO  
HIS EXCELLENCY  
SIR HENRY BROUGHAM LOCH,  
G.C.M.G., K.C.B.,  
Governor of Victoria,

THIS VOLUME  
*ON A LARGE SYSTEMATIC ASSEMBLAGE OF PLANTS,*  
PARTICULARLY IMPORTANT FOR HORTICULTURE AND TECHNOLOGY,  
AND  
NUMERICALLY PREDOMINANT  
IN  
HER MAJESTY'S AUSTRALIAN DOMINIONS,  
Is Dedicated  
IN PROFOUNDEST OBEDIENCE.



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NEPTUNIA GRACILIS.







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